

# Ceramic Art Development in the Education in India

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## Article Info

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**Abstract:** The ceramic industry's main difficulties include frequent changes in design, limited time for product development, expensive raw materials, and the lack of an appropriate model for creating new goods. New things are bound to replace the bold things as society evolves, and people must engage in self- mediation to awaken them and be liberated from the old captivity [1]. Ceramic product's unique design will give it energy, which is also necessary for ceramic items to have an advantage in the tough market rivalry [2]. With the rise in people's living conditions, ceramics have become not just a tool for meeting people's basic necessities, but also an artistic product imbued with the spirit of creativity [3]. Factor for the increase in the value and quality of ceramic products, as well as a necessary condition for ceramic products to attain sales competitiveness [4]. To support the growth of ceramic product design, innovative design thinking may broaden people's design thinking, inspire design inspiration, and help a ceramic product reach the optimal blend of artistry and utility in decoration [5].

Today's ceramic product design has entered a new period of innovative design, with the design competition being the major competition amongst products. The importance of decoration design is growing. Product development is nourished by innovation [6]. In a theoretical sense, the study of ceramic product decoration's innovative design thinking is beneficial to people's comprehension of ceramic product design theory [7]. How to increase the level of ceramic design is one of the most essential issues in ceramic design [8]. Ceramic innovation is influenced by the designer's knowledge structure and design level, design attitude, and existing technology level.

**Keywords:** Ceramic Art Development in the Education

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## Introduction

The ceramic industry's main difficulties include frequent changes in design, limited time for product development, expensive raw materials, and the lack of an appropriate model for creating new goods. New things are bound to replace the bold things as society evolves, and people must engage in self- mediation to awaken them and be liberated from the old captivity [1]. Ceramic product's unique design will give it energy, which is also necessary for ceramic items to have an advantage in the tough market rivalry [2]. With the rise in people's living conditions, ceramics have become not just a tool for meeting people's basic necessities, but also an artistic product imbued with the spirit of creativity [3]. Factor for the increase in the value and quality of ceramic products, as well as a necessary condition for ceramic products to attain sales competitiveness [4]. To support the growth of ceramic product design, innovative design thinking may broaden people's design thinking, inspire design inspiration, and help a ceramic product reach the optimal blend of artistry and utility in decoration [5].

Today's ceramic product design has entered a new period of innovative design, with the design competition being the major competition amongst products. The importance of decoration design is growing. Product development is nourished by innovation [6]. In a theoretical sense, the study of ceramic product decoration's innovative design thinking is beneficial to people's comprehension of ceramic product design theory [7]. How to increase the level of ceramic design is one of the most essential issues in ceramic design [8]. Ceramic innovation is influenced by the designer's knowledge structure and design level, design attitude, and existing technology level.

### **Creative Thinking's Cognitive Process**

Repeatability and inventiveness, which leads to fresh findings, are the most basic features of creative thinking. It is inferred that logical and intuitive thinking types complement each other to produce creative thinking, and intuitive thinking is the most important aspect in producing the nonlogical portion of creativity. Cognitive and computational model of creative thinking is offered based on this viewpoint and the cognitive model of logic and intuition. Ceramics have a long history and cultural. Ceramics are made by combining clay and stone silicate, then adding water to create a plastic product. Ceramic design has aesthetic and utilitarian qualities in addition to being an expression of material form [9].

Ceramics have been the bearer of ideological expression and artistic creation as a result of people's experience with ceramic fire, and because of the uncertainty in the production process, ceramics have a unique importance in cultural heritage. People build civilizations in order to enhance their living conditions. \*Throughout the history of worldwide ceramic design, both modeling and decoration have been used to reflect the times. Different times' politics, society, and economy have a great impact on ceramic design, and different periods' expressions are not the same. When people are working on anything new, they need to be able to think creatively [10]. In many circumstances, the creative process can be refined into a logical or intuitive process.

### **The Importance of Artificial Intelligence in Ceramic Product Design**

Scene design, multimedia post processing, creative design, image creation, and human computer interaction are all possible with AI technology for ceramic items. AI brings network multimedia production, mass media, and artistic creation to a close. Industrial design includes modern ceramic design. With the passage of time, ceramic design has evolved to encompass more than just a physical shape; it now encompasses functionality, economy, aesthetics, and other contents resulting from it, all of which have deep societal relevance. The most basic technique of design thinking, "whimsical," can best express the active degree of innovation, as it necessitates breaking the inherent creative mode of things, openly guessing and questioning, and demonstrating the critical spirit required for the feasibility and necessity of design [11].

The image of ceramic objects is usually more prominent in terms of physical art. In most cases, expressiveness is used to express the aesthetic sense of modeling. As a result, modeling is the most significant component of ceramic art, especially in terms of

external shape and structure, as well as style, which should be considered when creating modern ceramic art. Any form of art innovation, including modern ceramic art design, is intrinsically tied to real-life observation and thought, as well as the mapping and depiction of the culture of the time period. In the material-rich information age, different lighter and innovative synthetic materials have supplanted ceramic goods as a simple everyday necessity. Ceramic artists of today must actively comprehend the needs of modern people [12].



The regulations that govern the colour, line, and shape of ceramic product ornamentation are generated by a regular mix of ingredients. It primarily consists of contrast and unity, rhythm and rhythm, symmetry and balance, and symmetry and balance. It is an abstract account of the law of formal beauty in the practice of beauty creation, as well as an experience summary. The beauty of balance is based on people's visual centers or force centers of gravity in the combination law, and the decorative parts are adjusted and structured so that the entire decoration achieves balance, which can enrich the shape and raise the flavour of products. AI is significant not only as a tool, but also in terms of aestheticization, innovation, and fresh conception.

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