

## **INTEGRATION OF DESIGN AND ENGINEERING GRAPHIC SCIENCES TO INCREASE EDUCATIONAL EFFICIENCY**

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### **ABSTRACT**

*This article discusses ways to increase the effectiveness of students by integrating engineering graphics and design sciences, as well as how to quickly read the missing projections by showing ready-made color details through design.*

**KEYWORDS:** *Engineering Graphics, Design, Science, Knowledge, Skills, Abilities, Integration, Imagination, Object, Method, Technique, Education, Society, Nature, Infrastructure, Pedagogy, Category, Invention, Detail.*

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### **REFERENCES:**

1. Haqberdiyev BR, Rustamov U. Creative design of buildings and structures. Current research journal of pedagogics, 2021;2(09):76-78.
2. Haqberdiyev BR, Otaxonova SF, Qodirova DI. Improving the sciences of drawing and design through integration. Oriental renaissance: Innovative, educational, natural and social sciences, 2021;1(10):1189-1192.
3. Haqberdiyev BR, Otaxonova SF, Qodirova DI. Increasing student creativity in the integration of drawing and design sciences. In Archive of Conferences 2021. pp.42-43.
4. Haqberdiyev BR. Oriental architectural monuments. the objectives and tasks of the course of designing architectural elements. Academicia: An International Multidisciplinary Research Journal, 2021;11(7):276-284.
5. Haqberdiyev BR, Kochkarov B, Mamitaliyev A. Contents, value of interdisciplinary relations. European Journal of Molecular & Clinical Medicine, 2020;7(2):476-479.
6. Хакбердиев БР. Метод моделирования в интеграции дисциплин дизайна и инженерной графики. Вестник Ошского государственного университета. 2018;(3):23.