

INTEGRATION OF ENGINEERING GRAPHICS AND DESIGN SCIENCE IN A COMPARATIVE DESCRIPTION OF METHODOLOGICAL APPROACHES

Baxtiyor Rustamovich Haqberdiyev*

*Associate Professor,

Head of the Department of Fine Arts and Engineering Graphics,

Andijan State University, UZBEKISTAN

Email id: bahtiyor.haqberdiyev@mail.ru

DOI: 10.5958/2249-7137.2022.00707.8

ABSTRACT

This article provides a comparative description of methodological approaches to improving the effectiveness of teaching engineering graphics and design sciences, developing students' knowledge, skills and competencies, and integrating the content of the foundations of related sciences. It highlights the implementation of engineering graphics and design sciences as an integrative system, a comprehensive (comprehensive) view of the means of holistic and transformative teaching of engineering graphics and design sciences.

KEYWORDS: *Engineering Graphics, Design, Morphology, Modern Educational Technologies, Method, Method, Education, Upbringing, Technology, Concept, Skill, Art, Form, Project, Completion, Whole, Whole, Knowledge, Skill, Competence, Action Strategy, New Uzbekistan, Development Strategy, System, Complex Integration, Component, Structure, Function, Stage, State, Dependence.*

REFERENCES:

1. Haqberdiyev, B. R. (2020). The degree to which the problem has been studied. *CUTTING EDGE-SCIENCE*, 191.
 2. Belyaeva A.P. Integrative theory and practice of multilevel continuing professional education. - St. Petersburg: IPTO RAO, 2002.
 3. Haqberdiyev B.R. "The role of engineering Graphics and Design Sciences in the Study of the Analysis of Patterns in the Ancient Monuments of Uzbekistan" *International Journal on Integrated Education*-ISSN : 26203502 p-ISSN : 26153785.2021/7/7. 49-53
 4. Haqberdiyev, B. R. (2021). Oriental architectural monuments. the objectives and tasks of the course of designing architectural elements. *ACADEMICIA: An International Multidisciplinary Research Journal*, 11(7), 276-284.
 5. Haqberdiyev, B. R., Otaxonova, S. F., & Qodirova, D. I. (2021, November). Increasing student creativity in the integration of drawing and design sciences. In *Archive of Conferences* (pp. 42-43).
 6. Haqberdiyev, B. R. (2022). Integration of design and engineering graphic sciences to increase educational efficiency. *Asian Journal of Research in Social Sciences and Humanities*, 12(1), 162-164.
-

7. Haqberdiyev, B. R., & Rustamov, U. (2021). Creative design of buildings and structures. *Current research journal of pedagogics*, 2(09), 76-78.