THE USE OF NANO MATERIALS IN THE DESIGN OF SPECIAL CLOTHING

N. Kh.Mirtalipova*; N.D. Abdurakhmanova**; H.M. Yunuskhodjaeva***

*Senior Lecturer, Department of "Costume Design", Tashkent Institute of Textile and Light Industry, UZBEKISTAN

**Assistant, Department of "Costume Design", Tashkent Institute of Textile and Light Industry, Tashkent, UZBEKISTAN

***Docent, Department of "Costume Design", Tashkent Institute of Textile and Light Industry, Tashkent, UZBEKISTAN Email id: xyunusxodjaeva55@gmail.com **DOI: 10.5958/2249-7137.2022.00398.6**

ABSTRACT

Nanomaterials are the most important part of nanotechnology. Materials whose unusual functional properties are determined ordered structure of their nanofragments ranging in size from 1 to 100 nm. The advent of nanoscience is impossible without understanding that the properties objects depend on its size and shape. This dependence has received the name of the size effect.

KEYWORDS: *Modernity, Structural Element, Dictionary Of Nanotechnology, Crystal Defects, Important Factor Acting In Nanomaterials.*

REFERENCES:

- 1. Mirziyoyev ShM. Together we will build a free and prosperous, democratic state of Uzbekistan. Tashkent: "O'zbekiston", 2017. 32p.
- Mirziyoyev ShM. The rule of law and the protection of human interests are the key to the development of the country and the well-being of the people. Tashkent: "O'zbekiston", 2017. 48 p.
- **3.** Voronov VK, Kim D, Yanyushkin AS. Properties and Applications of Nanomaterials: Educational allowance. Art. Oskol: TNT, 2013. 220p.
- 4. Golovin YuI. Fundamentals of nanotechnology. Mscow: Engineering, 2012. 656 p.
- **5.** Baloyan BM, Kolmakov AG, Alymov MI, Krotov AM. Nanomaterials. Classification, features of properties, application and production technologies: Textbook. Moscow: 2007. 125 p.

ACADEMICIA: An International Multidisciplinary Research Journal ISSN: 2249-7137 Vol. 12, Issue 05, May 2022 SJIF 2022 = 8.252 A peer reviewed journal

- 6. Ryzhonkov DI, Levin VV. Nanomaterials: Textbook. Moscow: Binom, 2013. 365 p.
- 7. Suzdalev IP. Nanotechnology: physical chemistry of nanoclusters, nanostructures and nanomaterials. Moscow: Librokom, 2013. 592p.