

ErgoDesign
*Improving digital skills for
Ergonomics and Bioengineering
Innovations for inclusive Health
Care*

Starting date
01.09.2022

Duration:
36 months

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Project website:
**www.
ergodesigner.eu**



**Co-funded by the
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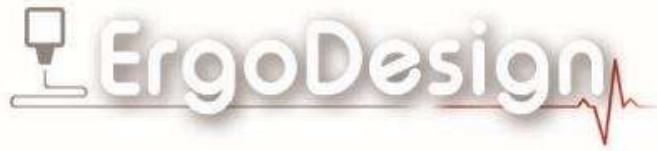
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About Project

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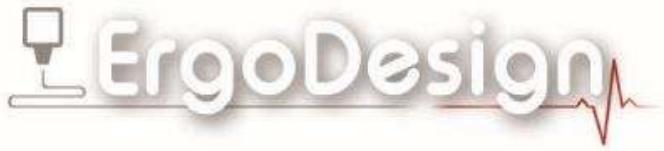
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Project Context - A short history of biomaterials

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The materials which have been employed throughout human history have defined its progress.

Considering our society both today and in the future, new materials are needed in every technical discipline, and the biomedical field does not differ.

Although biomaterials have been around for a very long time, the name and notion of biomaterials are relatively recent. A biomaterial is any substance that can be injected into a living organism or body without causing a detrimental biological reaction. The historical use of biomaterials dates back to ancient times; for instance, ancient Egyptians utilized animal sinew for sutures to stitch wounds.

The field of biomaterials has undergone a significant revolution by embracing a multidisciplinary approach that integrates various scientific disciplines, including medicine, biology, physics, chemistry, materials science, manufacturing engineering, and tissue engineering.

These days, they are incredibly popular in the medical industry for a variety of uses, from sutures to permanent implants.

More: <http://ergodesigner.eu/index.php/news>



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Visiting Prešov

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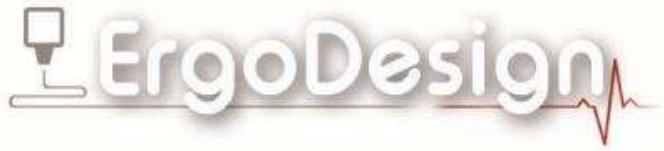
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We are proud of our partners!!!

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More: <https://uni-obuda.hu/.../ipari-tanszek-indul-a-banki.../>

A close relationship has developed between EBK and Óbuda University in recent years. As a result of mutually beneficial professional processes, the decision to establish the new industrial department was made. In engineering talent supply, the company's human resources policy relies on students studying at the university while integrating the technologies employed by EBK into the curriculum.

EBK is a dynamic player in the engineering field, engaging in a wide range of activities, including research and development, manufacturing, and education. The company leverages the industry's most advanced software and industrial 3D scanners. A key highlight of their work is the application of cutting-edge 3D industrial and prototype printing technologies.

For Óbuda University, one of the most crucial aspects is collaboration in education, through which the company can provide topics, consultants, and development opportunities for students participating in the program.

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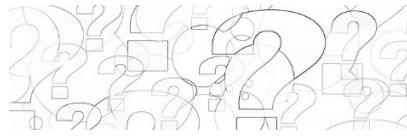
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Are you interested in:

- 3d printing in medicine
- a modern, inclusive approach to health
- design for people with disabilities
- ergonomics of work



If you said



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Our design activities results could be appealing to you!

See you soon!



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