

Digi-STEM

Karierni e-svetovalec za profesorje za sodobne učne metode in študentu prilagojeno poučevanje



O PROJEKTU

Projekt je del PUŠ operacije Digi-STEM, ki spodbuja digitalno preobrazbo in odgovorno ter vključujoče visokošolsko izobraževanje na področju STEM.

Projekt razvija digitalno podporo profesorjem pri razvoju pedagoških kompetenc, uvajanju sodobnih učnih metod in povezovanju s študenti.

Cilj projekta je izboljšati kakovost poučevanja, spodbujati inovativne in študentu prilagojene pristope ter sistematično vključevati povratne informacije študentov v razvoj pedagoške prakse.

JAVNO DOSTOPNI REZULTATI PROJEKTA



Poročilo analize obstoječih pristopov k razvoju pedagoških kompetenc z dobrimi praksami in priporočili

Pregled slovenskih in evropskih pristopov ter priporočila za razvoj digitalnih rešitev za podporo visokošolskim učiteljem.



Študija o učinkovitih inovativnih učnih metodah pri STEM študiju: analiza rezultatov ankete med študenti in visokošolskimi učitelji

Analiza mnenj študentov in profesorjev o uporabi inovativnih učnih metod ter potrebah po njihovem nadaljnjem razvoju.



Skenirajte QR kodi in si oglejte poročili.

KLJUČNI REZULTATI PROJEKTA



Nadgradnja aplikacije PUŠ Proact-STEM z novim orodjem za samoevalvacijo pedagoških kompetenc profesorjev



Razvoj orodja za oceno pedagoških kompetenc profesorjev s strani študentov



Izvedba pilotnega testiranja aplikacije in evalvacija funkcionalnosti



Organizacija strokovnega predavanja o uporabi umetne inteligence pri preverjanju in ocenjevanju znanja



Priprava strokovnih analiz in priporočil za nadaljnji razvoj pedagoških kompetenc v visokem šolstvu

PILOTNO TESTIRANJE

V okviru projekta je bilo izvedeno pilotno predavanje:



Uporaba umetne inteligence pri preverjanju in ocenjevanju znanja
Predavatelj: prof. dr. Bojan Cestnik, Temida d.o.o.



Udeleženci so preizkusili razvite funkcionalnosti aplikacije, opravili pre- in po-test ter podali predloge za nadaljnji razvoj sistema.



Kakovostno visokošolsko izobraževanje temelji na stalnem razvoju pedagoških kompetenc, inovativnih učnih metodah in aktivnem vključevanju študentov v proces izboljševanja poučevanja.



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TEMIDA

Digi-STEM

Digital Transformation for Responsible and Inclusive STEM Higher Education

Career e-Advisor for Professors for Modern Teaching Methods and Student-Centered Teaching



ABOUT THE PROJECT

The project is part of the Digi-STEM PUŠ operation, which promotes the digital transformation and responsible, inclusive STEM higher education.

The project develops digital support for professors in building their pedagogical competences, in implementing modern teaching methods and in engaging with students.

The project aims to improve the quality of teaching, promote innovative and student-centered approaches, and systematically integrate student feedback into the development of teaching practice.

PUBLICLY AVAILABLE RESULTS



Report on the Analysis of Existing Approaches to the Development of Pedagogical Competences with Good Practices and Recommendations

Overview of Slovenian and European approaches and recommendations for the development of digital solutions to support higher education teachers.



Slovenian language only



Study on Effective Innovative Teaching Methods in STEM Studies: Analysis of Survey Results Among Students and Higher Education Teachers

Analysis of students' and higher education teachers' opinions on the use of modern teaching methods and the needs for their further development.



Slovenian language only



Scan the QR codes and read the reports.

KEY RESULTS OF THE PROJECT



Upgrade of the PUŠ Proact-STEM application with a new tool for self-assessment of professors' pedagogical competences



Development of a tool for assessing professors' pedagogical competences by students



Pilot testing of the application and evaluation of functionalities



Organisation of a professional lecture on the use of artificial intelligence in assessment and evaluation of knowledge



Preparation of professional analyses and recommendations for the further development of pedagogical competences in higher education

PILOT TESTING

As part of the project, a pilot lecture was delivered:



The Use of Artificial Intelligence in Assessment and Evaluation of Knowledge
Speaker: Prof. Dr. Bojan Cestnik, Temida d.o.o.



Participants tested the developed functionalities of the application, completed pre- and post-tests and provided recommendations for further development of the system.



Quality higher education is based on the continuous development of pedagogical competences, innovative teaching methods and the active involvement of students in the process of improving teaching practice.



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