



An innovative pre-service science teachers' training using VR at Van Yuzuncu Yil University, Turkey

Teacher Training

The Department of Elementary Education at Van Yuzuncu Yil University in Turkey has been working to improve the quality of pre-service teacher training.

Problem Statement

The traditional pre-service teacher training methods, such as lectures and readings, were not effective in preparing future teachers for real-world classroom situations. Additionally, the limited resources of the classrooms made it difficult for trainees to gain practical experience.

Solution

The department decided to use VR technology to create a simulated classroom environment where trainees could practise teaching without the limitations of a physical classroom. The trainees were required to interact with the virtual students, lead a lesson, and manage the class just as they would in a real classroom.

Benefits

After the use of VR trainees reported feeling more confident and prepared for real-world classroom situations. The VR training module allowed trainees to practise in a safe and controlled environment, without the risk of making mistakes that could negatively impact real students.

University : Van Yuzuncu Yil University

Technology : VR

Branch : Science



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