



# How Professors at Lisbon University are planning to reshape Civil Engineering Education using VR?

Civil

Lisbon University is using virtual reality (VR) to enhance the learning experience of its civil engineering students. The University's Department of Civil Engineering is exploring the use of VR to provide a more immersive and engaging way of learning.

**University :** Lisbon University

**Technology :** VR

**Branch :** Engineering

## Problem Statement

Traditional teaching methods in civil engineering may not effectively help students fully comprehend complex concepts. This can hinder their ability to apply the concepts in real-world situations.



## Solution

Lisbon University's Department of Civil Engineering has introduced VR technology to its curriculum. The department has created virtual models of structures, such as bridges and buildings, which students can interact with in a virtual environment.

## Benefits

It allowed students to visualise complex engineering concepts in a more tangible way, leading to a better understanding of the material. The use of VR also allowed students to practise and refine their skills in a virtual environment before applying them in the real world.

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