

THE VIRTUAL LEARNING ENVIRONMENT

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Students and lecturers can access digital learning solutions through a virtual learning environment (VLE), which is an online platform that offers them with digital learning solutions. Unlike a virtual classroom designed to mimic and replace the physical classroom environment for distance learners, a virtual learning environment uses technology to augment the in-class experience, such as through digital communication, interaction, and quizzes or polls. A virtual learning environment is a system that provides educators with digitally-based solutions for establishing active, interactive learning environments. For example, professors can use a virtual learning environment to develop, store, and disseminate content, design courses and lessons, and stimulate real-time dialogue between students and professors (through e-mails and conversations). Virtual learning environments are frequently part of a more extensive learning management system at a higher education institution (Top Hat, 2021).

Any new technology is implemented to make something better, simpler, and faster. The implementation of a virtual learning environment is no exception. Let's start with the advantages of using a virtual learning environment. The educational process becomes more flexible, especially in terms of time, with virtual learning environments. Students can simply connect their studies with other plans and activities because they have permanent and unrestricted access to all learning materials. As a result, it becomes easier to complete your education while working full-time or caring for a child who requires a lot of time and attention. Furthermore, students are allowed to work at their own pace. Everyone can read the texts and view the videos as many times as they need to grasp the concept, and fast learners don't have to wait for the rest of the group to go

on. Teachers can use virtual learning environments to organize classes, manage administrative tasks, track students' performance, activity, and level of involvement, and provide extra materials and support to those who require it. It is also easy to evaluate the effectiveness of the current curriculum and, if necessary, adapt it in a virtual learning environment. The virtual learning environment is conducive to trying out novel material formats and methodologies. Online assessments and quizzes, films, and podcasts enhance the educational roadmap. By combining diverse activities, kids are more engaged, and the learning process is more gamified. There is no need to attend classes because learning may be done online. This allows disabled persons and those living in remote places or even on different continents access to high-quality education. The virtual learning system also provides for a continuous educational process since students can continue their studies whether on vacation, on a business trip, or while sick in bed (S&C Scand, 2020).

References:

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