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Facilitating Sustainable Education in Nuclear Science and Technology

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Abstract: Many e-learning tools are currently available for using in education. However, the environment for nuclear education is changing. Teaching methods and techniques have evolved and trends in enrolment into science and engineering studies. E-learning is regarded as the most modern and cost effective means to supplement traditional face to face education, and the way forward to provide more opportunities to access valuable information and knowledge regardless of time and place.

In this paper, we review the new learning methodology, potential challenges of e-learning, the author e-learning tools and the different e-learning tools such as educational platforms, web based meeting. We also comment the most important aims of each tools and define the advantages and the disadvantages.

Educational platform is effective in the e-learning development but does not provide social networks. However, the web based meeting is an innovative collaboration solution providing an exceptional experience with the simplicity of a web browser easily and naturally.

the overall objective is to contribute to improving the sustainability and quality of nuclear education process and recommended best practices to improve efficiency and effectiveness

Country/Organization invited to participate

Algeria

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