

## عنوان مقاله:

A Framework of Management System Design for Programming Virtual Laboratory

## محل انتشار:

پنجمین کنفرانس بین المللی پیشرفت های علوم و تکنولوژی (سال: 1390)

تعداد صفحات اصل مقاله: 6

## نویسندگان:

Safa Mansouri - Graduate student IT Management, University of Payam Noor

Soheila Karbasi - Department of Computer, Golestan University

Ahmad Farahi - Department of Information and Communication Technology - University of Payam Noor

## خلاصه مقاله:

Virtual Laboratories in a Virtual Learning Environment are necessary spaces for developing practical activities. In this paper a framework for designing the virtual lab management system will be presented. Technological, pedagogical and human resources are included in the Virtual Laboratories Framework. The proposed Framework has been applied to different computer areas and this paper focuses on the Virtual Programming Laboratory. Its effectiveness has been evaluated by the Teachers laboratory using a questionnaire. The results show, Teachers assess the resources were well, between 53.3 and 83.3 of Teachers considered them to be important or vital Resource. All the mean values were greater than 3.9.

## کلمات کلیدی:

UVirtual Laboratory, Virtual Programming Laboratory, Virtual Learning Environment, PayameNoor

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/157445>

