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1. USING ROMDOC AS A DIGITAL REPOSITORY IN THE CENTRAL LIBRARY OF UNIVERSITY “POLITEHNICA” OF BUCHAREST, Eng. Titus Marius BERCARU - Centre for Technology Transfer in the Process Industries, Librarian Carmen PREDESCU - Central Library of University Politehnica of Bucharest

Abstract: *The purpose of this paper is to provide a summary of the experience of Central Library of University POLITEHNICA of Bucharest concerning the involving of the library in ROMDOC project, the aim and the objectives of the project, the great advantage of the repository for institution, academic staff, and students. Actually, the article wants to be a case study about the work done so far. The main project activities include technical aspects (hardware and software infrastructure, installation and configuration of CDS Invenio), documents selection, scanning process and quality control, cataloguing and URL allocation (the library accomplishes cataloguing and indexing according to the actual standards, with the adopted bibliographic format , MARC21) and not the last a policy which defines the quality standards for document type, the file formats, the metadata standard as well as the long term availability of the documents. The article describes the entire procedure, illustrated with example.*

Keywords: ROMDOC, digital repository, open access, full text indexing

2. INFORMATION TECHNOLOGY AND IMPROVEMENT OF THE QUALITY OF SERVICES PROVIDED TO USERS – drd. Adriana Cristian, librarian Niculina Pistol - Central Library of University Politehnica of Bucharest

Abstract:*The paper is set as an overview of the concept "information technology" in terms of improving the service quality in an info-documentary structure. The information provided has a direct influence on the quality of education. In this context, libraries must feel obliged to continually analyze the informational needs of the users. These needs be consistent with the level of the technological development. The paper will discuss how information technology has a direct influence upon the academic libraries in terms of quality assurance. We will analyze the quality of services based on the use of information technology in the university environment, in tandem with the use of other methods which aim to increase the quality of the services provided to users.*

Keywords: information technology, quality of services, user, university library, performance.

3. CONTRIBUTIONS TO THE CLASSIFICATION, CODIFYING, AND ELECTRONIC ARCHIVING OF MODULATED CONTROL DEVICES, drd. Adriana CRISTIAN, “Politehnica” University of Bucharest

Abstract: *Increased efficiency in ensuring the complex control of processing precision in parts of different types and sizes is accomplished by using modulated control*

devices. The promotion of a modulation based conception for control devices results in increased precision and control. The basic characteristic of modulated control devices is flexibility in use. The codified presentation of control devices contributes to shortening their retrieval time and storage according to their classification. This classification may be performed under the form of flow charts, precisely for ensuring simplified and computerized retrieval. The present work is intended as a case study for “pointed control devices”. The application is created in Java using graphic facilities.

Keywords: modulated control devices, flow chart, safe assembly, electronic archiving, efficiency.