جمهورية العراق

وزارة التعليم العالي والبحث العلمي

الجامعة المستنصرية

كلية الآداب

حوسبة خدمات الإحاطة الجارية

أطروحة مقدمة

إلى مجلس كلية الآداب–الجامعة المستنصرية

وهي جزء من متطلبات درجة الدكتوراه فلسفة في علم المعلومات

والمكتبات

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Abstract

Moayad Yahya Khudheir: ((Computerization of Current Awareness Services)). Supervised by **Mohammad Abboud Al-Zubaidi**-Baghdad: Information and Libraries Department, Al-Mustansiriya University, 2006. P.181

This study aims at making an experiment to computerize the current awareness and the selective dissemination information services after analysing a group of content engineering and scientific periodicals, books and theses received by the Central Library of University of Technology during the year 2004, to acquaint the staff members of the University totalling (461) and after getting the professional information about each staff member, and if he likes to get acquainted with any subject by giving the key words to find if they mach with what is there in the information sources. He would be provided with these sources through the computerized information of the selective dissemination services. The capabilities of the computer are utilized for the benefit of staff.

A special data base has been built the information using sources at the Central Library of the University of Technology. There are (429) researches and theses, (179) of which were published searches in Iraqi and Arab periodicals; (82) of them in Arabic, (97) English in addition to (197) theses; (29) High Diploma ones, (138) Theses for M.Sc., and (30) Ph.D.dissertations. Also there are (53) books in engineering and scientific fields, all issued in 2004.

The key-words gathered from analysis are (1815), while terms gathered from users of selective dissemination information services are (1229) terms; all were specified by the staff members. Natural language was used in indexing operation and in choosing the key-words. The Arabicized version of the WINISIS system was used in establishing the computerized pattern of the selective dissemination information services. The experiment and survey methods have been used by meeting teaching staff of the University of Technology and destributing a special questionnaire, besides, the direct observation.

The study comes with the following results:-

1- The Computerised Central Library of the University of Technology doesn't exploit the computerised information services obtainable in spite of the available human and materials resources.

2- It is clear that one can benefit from the WINISIS system in presenting the computerised information services by using Arabic language without any problems following certain measures and instructions to make it easy and usable.

3- It becomes clear that almost all the University's professors and lecturers have the real desire to get the current awareness and computerised information of the selective dissemination services, due to reduction in time and efforts. It also increases the speed to get up to date information.

4- Planning for Computerization of Information Services removes any randomness from computerization, saves in time and effort, reduces cost and improves access information at the same time.

The study has reached achieved a number of recommendations, on top of which are:-

1- Establishing a specialized working group of specialists in libraries and information science to do the installation and operating process of the WINISIS System to present computerised information.

2- Use must be made of the experience of Central Library of University of Technology in using WINISIS system to present current awareness and selection dissemination. Other University libraries and information should make use of it. This system can also be used to present other services.

3- Urging the researchers to include in their searches keywords that agree with researches. Thus, librarians find it easy to enter them in the database.