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Thanks and Appreciation

The success of Benha University in activating Information and Communication Technology Projects (ICTP) has been achieved by the continuous support of related the parties, which involved in funding, planning, and following-up the implementation. The chief information officer, the directors of projects, and the teamwork of projects are pleased to thank and appreciate all who supported and contributed to the success:

- Prof. Dr. Mohamed SafwatZahran, the President of theUniversity.
- Prof. Dr. SohairSharawyGomaa, the Vice-president for Post-graduate Studies and Researches.
- Prof. Dr. Ali Shams El-Dain, the Vice-president for Education and Student Affairs.
- Prof. Dr. Osama Kamal, the Vice-president for Community Service and Environment Development.
- Prof. Dr. Mohamed Abdel Hamid Sheirah, the Director of ICTP National Committee.
- Prof. Dr. Tarek El Ahmady El Tobely, the Executive Director of ICTP.
- Prof. Dr. Alaa Abdel Ghaffar, the Executive Director of Project Management Unit (PMU).

Appreciation is also extended to deans of faculties for their cooperation in supporting the teamwork of the Projects.

All of us give our sincere thanks and appreciation for their continuous support, asking God to help us in serving our beloved country.

**Word of the
President of the University**

To activate communication services and information technology of Benha University's strategic plan, the University received Information and Communication Technology Projects (ICTP) which include: Electronic Portal – Digital Library - Digital Information Network - Information and Communication Technology Training - Management Information Systems - Electronic Learning. These Projects aim to reduce the digital gap which consequently leads to the development of ICTP for beneficiaries as well as the activation of the educational and administrative process.



The community expects the University to provide the best learning opportunities for its students in order to secure their future and to meet the need of human development. Meanwhile, the University is working to achieve the national progress. We seek to spare no effort for the continuous development, the improvement of infrastructure, the expansion of enhancing the information technology, the promotion of scientific research, the development of curricula, the modernization of methods, and the interaction with the community.

May Allah guide all of us to the welfare for our University and beloved country.

President of the University
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**Word of the Vice-president for
Post-graduate Studies and Researches**

The contemporary global developments and their implications have become one of the existing facts in global economy which based on the harnessing of knowledge through research and technological development under the rule of excellence and competition as well as stimulation of innovation and creativity.



Information and Communication Technology Projects have come to modernize the system of scientific research in Egypt for scientific and technological knowledge and to achieve excellence and to improve the overall performance. Such Projects aim to raise the infrastructure of information, handle the information directly, and develop new educational methods, as well as achieve full automation to support the educational process and scientific research in addition to prepare the society to deal with it. The infrastructure of University's networks and the strenuous attempts for success under the shadow of distance between the University's faculties have come to establish Electronic Portal and Management Information Systems (MIS) as well as start in producing and applying a number of electronic courses for students in addition to establish Digital Libraries and link between University's libraries through the Egyptian Universities Networks and support the project of Information and Communication Technology Training for faculty members, their assistants, and staff to increase their skills in that area and disseminating the culture of training for all to ensure quality.

Benha University realizes the importance of such Projects which will promote continuous improvement and increase the likelihood of qualifying for accreditation. The great interest from all levels of administration of University to keep the success and continuation of such Projects represents the biggest challenge of University because of being the portal for development and progress.

Vice-president for Post-graduate Studies and Researches
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Word by President Adviser Technology and the Chief information Officer (CIO)

The strong base in the field of Information and Communication Technology (ICT) is an important factor for success of any institution. In this respect, the strategic plan of Benha University has a major pivot that aims to make Benha University a model of Digital University by enhancing capabilities of the University, its faculties and its various units in the field of ICT. Benha University seeks to reduce the current digital gap as well as keep up with rapid technological development in ICT which lead to improve the efficiency and quality of educational, research, and social services of the University.



The University adopts an activity of multi-pivots in the field of ICT. The top of such pivots are the modernization of infrastructure and the improvement of communications network between University's faculties by Technology of Fiber optics. The University is also working to allocate about 500 square meters in the new headquarters at KafrSaad for Information and Communication Technology Projects (ICTP) which are supported by Projects Management Unit of Higher Education. The most important of such Projects are:

1. Infrastructure enhancement project for the University Information Center which aims to provide server computers for information services and databases protection.
2. E-portal establishment project for Benha University which provides e-services for students, faculty members, researchers, staff, and visitors.
3. Electronic learning Project that aims to improve the usage of ICT in learning through production of e-courses. The University seeks to integrate the usage of e-courses as well as activate the video conference to improve the educational services especially courses with large number of students and lack of faculty members in some educational programs.
4. Management Information Systems (MIS) enhancement project at the University enhances system of student's affairs, post-graduate studies affairs,

and faculty members affairs. This project will lead to automate the work at most University's departments.

5. ICT Training Project which aims to create increase the number of trained human resources through applying the concept of Training Of Trainees (TOT) and improve the skills of Information Technology (IT) for faculty members and staff of the University.
6. Automation of Benha University Library project within Egyptian University Libraries (EUL) to create a unified digital catalog for the contests of EUL in order to reduce the cost by maximizing the sharing of resources.
7. Repository of University Theses project which includes the scientific content of theses, scientific journals, and conference procedures of the University.

Moreover, Benha University works to adopt a plan for excellence in the field of IT through several pivots that include the usage of: specialized software in the field of workflow to automate the administrative work of University, software of e-archives to save and index the documents of departments, software of balanced cards to follow-up the implementation of strategic plan at the University and faculties, and software of exams assessment which based on intended learning outcomes in accordance with the standards of quality and accreditation. Thirteen units of IT have been established at the University's faculties to activate and ensure the continuity of IT at faculties.

It gives me a great pleasure to thank all directors of projects and teamwork of ICTP at Benha University for their efforts to enhance the IT and promote Benha University as a good model of digital university for the university society and the nation.

President Adviser for IT,
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**Word by Executive Director
of Projects Management Unit**

Information and Communication Technology Projects (ICTP) aims to raise the infrastructure of information, handle the information directly, and prepare the society to deal with it through the oriented and continued training and create the electronic management system to manage the educational process. Such Projects are implemented centrally for all faculties of the University through the following:



Electronic Portal - Digital Information Network - Electronic Learning - ICT Training - Management Information Systems - Digital Library and Repository of University Theses

Project Management Unit (PMU) at Benha University thanks and appreciates Prof. Dr. Ghazy Mohamed Reteb Assassa, the President Adviser for Information Technology and the chief information officer for his efforts in making a change at IT projects of the University. PMU also thanks and appreciates all directors of projects and teamwork of ICTP at Benha University for their efforts in development system at the University.

PMU realizes the importance of impact and interest that will return from such Projects which will promote the University and its faculties to a high rank between the Egyptian universities; therefore PMU is interested in success and continuity of such Projects.

Executive Director of Projects Management Unit

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**Information and Communication Technology Projects (ICTP),
Benha University**

E-portal

Management Information Systems (MIS)

Digital Information Network (DIN)

E-learning

ICTP Training

Digital Library and Repository of University Theses

E-portal

Introduction

E-portal is one of projects that are funded by ICTP, Ministry of Higher Education. This project relies on the use of best technologies and available software to increase cooperation and communication between the various faculties of the University and other universities. E-portal is a mean of communication between databases of the University, its faculties, and beneficiaries whether they are faculty members, administration, students, or visitors to provide electronic, administrative, and educational services that achieve the vision and mission of the University.

E-portal at Benha University aims to provide electronic services, strengthen the use of Information Technology (IT), and contribute in reducing the digital gab of the University to get advanced rank among the universities.

Mission

Provide e-services for students, faculty members, administrators, and society through an interactive portal as well as set the essential mechanism to connect e-portal with MIS, D-libraries, e-learning, and ICTP Training.

Objectives

1. Connect the University with society through providing distinguished e-services and disseminating news and activities of the University and its faculties.
2. Enhance the quality of education by disseminating the educational programs and courses as well as automating courses assessment system.
3. Automate the application forms by application of Workflow system.

Services of E-portal

E-portal of the University provides services for students, faculty members, administrative, and society for example:

First: Services of E-portal for Undergraduates and Postgraduates

- *Educational e-mail
- * Schedules of exams
- * Questions banks
- * Complaints and suggestions of students
- * University and its faculties news
- * Students Unionnews
- *Courses evaluationsystem
- *E-forms for students
- *Results of exams
- *Study regulations
- *D-library
- *Lists of educational programs and courses
- * Programs and courses description
- *E-courses
- *Models of answers
- *Study schedules
- *Student activities

Second: Services of E-portal for Faculty Members

*Private website for faculty member includes the CV, published researches, courses that taught by faculty member, and supervision of these and academic activities.

- *Search for faculty member
- * Medical service
- *E-courses
- members news
- *Dissemination of University's strategic and research plan
- faculties news
- * Educational e-mail
- *Registration for courses
- *Conferences and workshops
- *E-forms for
- *D-library
- *Faculty
- * University and its

Achievements of 2009-2011

In addition to the services of e-portal for students and faculty members, there are other achievements have been achieved as following:

1. Creating a new website for the University including all sectors of the University and their activities which increased the size of the site from about 0.5 GB to 13 GB, 2.53 GB of them in English.
2. Designing, constructing, and disseminating websites for all faculties of the University (13 websites) and some scientific departments.
3. Getting the first rank among the Egyptian universities for three consecutive times (December, 2009 – February, 2010 – April, 2010) in collecting and drafting data for the portal.
4. Superiority over the Egyptian universities in designing new websites.
5. Designing and creating a database for CV of faculty members.
6. Disseminating about 225 applications templates for faculty members and students.
7. Creating educational e-mail for about 3633 of faculty members and their assistants, and for about 46357 students in cooperation with Microsoft Corporation in addition to providing the services of Windows Live.

8. Designing and creating about 700 mailing lists for the University and its faculties.
9. Activating e-mail and reaching to 29578 e-messages for faculty members and also more 130000 messages for students of various faculties during June, 2011 which relating to announcements of conferences and activities of the university.
10. Activating the publishing of news in Arabic and English as well as reaching to 800 news in Arabic and 150 in English during April/June, 2011.
11. Activating the integration with MIS project through national ID card.
12. Designing, establishing, and disseminating electronic questionnaire about courses assessment in accordance with standards of National Authority for Quality Assurance and Accreditation of Education.
13. Designing, constructing, and disseminating some university application forms on the site by applying the technique of Workflow.
14. Designing and creating a documentation system and electronic archive for exports and imports of e-portal to include keywords and view the document electronically. Electronic archive will be disseminated in other departments of the University.
15. Designing, constructing, and disseminating a site for Benha University's Hospital and its various departments.

Future Plan

1. Completing the construction of websites for 140 scientific departments.
2. Developing the website of the University and its faculties by advanced technique of portals.
3. Increasing the English content by 50% of Arabic content.
4. Increasing the activation of disseminating news in Arabic and English on websites of faculties.
5. Increasing the integration with ICTP including MIS – e-learning – ICT Training – D-library.
6. Increasing the e-services for students and faculty members which include the transferring of University application forms in to e-forms by technique of Workflow.
7. Depending on educational e-mail in university correspondence.
8. Organizing workshops for the awareness of available e-services at the new websites of the University and its faculties.
9. Holding a forum for discussions and exchange of views.
10. Activating the University's radio.
11. Increasing the interaction with social networks.

12. Using the technique of live broadcast to disseminate activities of the University.

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Management Information Systems (MIS)

Introduction

Management Information Systems (MIS) are computerized systems that designed to servedirectors in the organization. MIS combine between IT and science of computer and management. MIS aim to build technological computer systems thathelp the different institutions incarrying out their work. MIS have several functions like library help and accounting tasks which lead to help institutions in decision-making. The use of computer systems in administrative processes for institutions reduces the financial burdens and expenses, and overcomes many disadvantages of human work which may causes the boredom of routine work or the lack of necessary moral incentives, as well as increases competitiveness of the institution in the work environment.

Vision

Automating the work at the various departments in the University to provide all the required data with accurate and high speed which support the decision makers at all levels as well as help them in future planning for those departments.

Mission

Providing a services body depends on IT, supporting more automation of administrative processes, and reducing the time in provide service for the beneficiaries of various departments as well as the flow speed of documents and information cycle in the University.

Objectives

1. Activate and enhance software for student affairs, faculty members affairs, and postgraduate studies to apply it in all faculties uniformly, whether those faculties have the system of years or the system of credit hours.
2. Improve the work sessions, accuracy, efficiency, and monitor the works in universities and the Supreme Council of Universities.
3. Provide the devices and required equipment for systems, data entry, and make reports at faculties and administration of universities.
4. Provide the training for employees of universities' centers which include databases, software languages, and production of applications and reports.

5. Link the universities by electronic coordination to transfer the data of new students electronically from electronic coordination system.
6. Support the faculties departments to implement and monitor all the academic, financial and management activities.
7. Support the university administration to gain the data, accumulative information and statistics as well as all the performance indicators which serve the decision and policy makers.

Achievements

- Use unified software and applications for Education and Student Affairs, Post-graduate Studies and Researches Affairs, faculty members and their assistants, study schedules, exams systems, and controls at the University level as well as link them with electronic coordination and Supreme Council of Universities.
- Data and academic history of each student at the University have been entered.
- Most works of automated control at faculties for the academic year 2010/2011 have been activated.
- All data of faculty members has been entered.
- Regulations of Post-graduate Studies and Students in most faculties of the University have been registered and will be completed during the academic year 2011/2012.
- Faculties have been provided by equipment to automate the work, including 160 computers and 13 printers A3, one printer for each faculty to print the reports of control.
- A technical support team has been assigned at the University to support MIS for all faculties.

Future Plan

- Complete the data of students and faculty members.
- Complete the activation of control at faculties.
- Use the applications of MIS at General Accounts –Staff members Affairs – Wages and Salaries – Stores – Purchase....etc.

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Digital Information Network (DIN)

Introduction

The dependence on ICT has become a reality that no one can deny it, but also seeks to cope with the rapid development in this field. The benefit from that development is the case of all educational institutions.

DIN is one of the latest ICT projects at Benha University. The role of DIN can be described as the basic structure of all ICT projects at the University in addition to its role in supporting the electronic management systems and providing a technological environment for researchers and users.

Vision

Creating the network infrastructure to overcome all the obstacles that facing the use of ICT locally, regionally, or internationally.

Mission

Using the modern and advanced communication techniques which provided at DIN to transfer, provide, and exchange the information and communications locally, regionally, or internationally by direct and quick way to support and disseminate the processes of education, learning, and scientific research. The DIN also supports the modern management, decision-making and the integrated automation of the University administration.

Objectives

1. Provide a secure communication environment to enter in the world of Digital Information in a way that make the use of Information Network at the University a safe and available mean for all without any risk.
2. Provide an infrastructure for communication and information at the University to transfer, provide, and exchange the information and communications locally, regionally, or internationally.
3. Facilitate the communication between faculty members, staff, and students and provide the local, regional, and international environment.

4. Contribute in the support and development of education and scientific research.
5. Enable the student to study remotely and reach to courses and others as well as facilitating the continuing and open education.
6. Assist in live broadcast and transfer of lectures, conferences, seminars, workshops, meetings, and others inside and outside the University.
7. Support the e-management, IT, and decision-making at different levels.
8. Facilitate the process of documentation and electronic archiving of documents and exchanged information.
9. Assist in raise the abilities and skills of academic and administrative body at the University in dealing with techniques of information, communication, and multimedia.
10. Operate, maintain, and develop the network and infrastructure of information at the University.
11. Provide a teamwork at DIN has the ability to:
 - Protect, secure, and monitor the networks.
 - Manage servers and copy the contents of data.
 - Operate, maintain, and develop the infrastructure of information network at the University.
 - Develop and raise the level of performance for staff at DIN.

Phases of the Development at DIN

In 2005, the network center at the University was established as a nucleus of lab for researches and the use of digital information technology at the University administration; therefore the infrastructure of DIN at the University had been established as following:

Phase 1 (2006:2008)

This phase included:

- Linking Benha University websites with the Network Center at theoretical faculties Campus to form a unified network for the University.
- Constructing an internal network at each faculty by setting 305 network points at the University.

Phase 2 (2008:2010)

Developing the infrastructure of DIN for MIS which has targeted the construction of network to link the departments of each faculty including Student Affairs – Post-graduate Studies – Alumni – Accounts - Purchases – Controls – Libraries – Quality – Hall of Meetings and Discussions - ...).

This Phase has been done by 527 network points at different sites of the University.

The Current Phase (Systems of Security and Protection of Networks and Servers)

This Phase has targeted the modernization of University network and the construction of Modern Data Centers to realize the main objectives of any Data Center which can be summarized as follow:

1. Set of main servers to provide the information services of the University whether in MIS, Web pages / Portals, E-learning, E-mail Systems, or DNS Systems and others of important applications which required by the University to achieve the minimum of the Quality System.
2. Insert databases and different systems in an integrated system and provide the required security systems which include: Fire Walls / Intrusion Prevention and Detection / Cache / Engines and others of important applications.
3. Provide Systems of Network Monitoring to activate the role of network operators in accomplishing the required works.
4. Provide a general framework for the protection of systems, hardware, software, and databases to facilitate the protection...etc.
5. Provide unit of storage and unit of tapes to make backup copies of databases...etc.
6. Provide appropriate training for the engineers of the project:
 - Two engineers in the field of Security Systems and Network Monitoring.
 - Two engineers in the field of Servers Management, Storage Units, and Backup.

Future Plan

First: The use of Fiber Optics Network which aims to improve the speed of the network and develop the quality of connection lines.

Second: The Wireless Network Project which aims to increase the coverage of DIN at the University by 100% in the faculties and University.

Third: The Expansion Plan to complete the network points by 125 points at each site.

Fourth: (Voice over IP) IP Phone which aims to provide an internal link of the University throughout DIN to save the University budget of phone calls. This phase will provide high quality service.

Fifth: Creating Data Center for the Network Center in the building of Development Projects at the University land in KafrSaad by an estimated cost of 4 million Egyptian Pounds.

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E- Learning

Introduction

E-learning is a mean to support the education and transform it from the process of traditional teaching to the process of creativity, interaction, and skills development. E-learning provides the latest methods in education and publication. It provides also an advanced educational service that aims to the transformation from traditional education to E-learning which depends on communication technology and internet-based education by the use of computer and internet.

Vision

Contributing to prepare a distinguished graduates who will be able to keep up with scientific developments by providing appropriate educational content for the needs of each person in advanced technological environment.

Mission

Improve the outputs of education throughout the use of modern techniques in the field of communication and information to support teaching and education.

Objectives

1. Establish an infrastructure and human cadres who are able to deal with all technological means which required for creating e-courses in accordance with straight educational basis by the use of modern technological means.
2. Disseminate the awareness among professors and students about the importance of E-learning as an entry point for the development of higher education in Egypt to provide a distinguished level for the growing numbers of students.
3. Produce e-courses that consistent with standards of quality and cope the copy rights.
4. Train the professors and students on e-courses to achieve the highest benefit.

Achievements

Produced courses:-

1. Remote sensing (Faculty of Agriculture, Alexandria University)

2. Physics 1 (Higher Institute of Technology)
3. The Logical Design (Faculty of Engineering – Faculty of Computers and informatics)
4. Sports Injuries (Faculty of Physical Education)
5. Nursing of Obstetrics and Gynecology (Faculty of Nursing)
6. Electrical Power Engineering (Shubra Faculty of Engineering)
7. Fights “Fencing” (Faculty of Physical Education)
8. Public Health (Faculty of Medicine)
9. Physics 2 “properties of material and heat” (Faculty of Science)
10. Psychology (Faculty of Arts)
11. Methods Dramatization (Faculty of Specific Education)
12. Biophysics (Faculty of Science)
13. Parasitology (Faculty of Nursing)
14. Writing for Radio and Television (Faculty of Arts)
15. Judo (Faculty of Physical Education)
16. Classroom and School Management (Faculty of Education)
17. Biochemistry (Faculty of Veterinary Medicine)
18. Biosafety (Faculty of Agriculture)
19. Developmental Psychology (Faculty of Education)
20. Use of Computer in Art Education “computer and art” (Faculty of Specific Education)

Courses under production:-

Psychology of people with special needs (Faculty of Education)

Courses are going to produce

1. Surgery of Obstetrics and Gynecology (Faculty of Medicine)
2. Obstetrics "Artificial insemination and embryo transfer" (Faculty of Veterinary Medicine)
3. History the Americas (Faculty of Arts)
4. Marine Biology (Faculty of Science)

Courses will be produced and financed by CIQAP

1. Children Nursing (Faculty of Nursing)

2. Pediatrics (Faculty of Medicine)
3. Parasitology (Faculty of Medicine)

Method of Courses Production

The Center is using now the modern method of e-courses production which includes the elements of learning or Learning Objects. Such method becomes a main requirement to design an e-course with high quality that contributes effectively in observing the individual differences between learners and satisfying their educational needs. The course is divided by such method into small educational parts called “Learning Objects”. Learning Objects are different and vary in size and complexity from texts to simple pictures to multi-media (text learning– picture learning – audio learning – dynamic learning – videos learning). The learning object must have a distinguished educational objective and not linked to other learning objects.

Future Plan

1. Increase the number of produced courses throughout the direct contracting with faculties.
2. Marketing the produced e-courses of various universities inside the faculties of Benha University.
3. Increase the workshops of the project and its objectives at the level of University’s faculties to encourage professors to make e-courses.
4. Increase the number of produced courses throughout contracts with the National Center of E-learning by 10% annually.
5. Establish certified labs to assess the students electronically on the Internet exactly like the labs of ICDL test.
6. Activate the Video Conference Unit at the University to serve the faculties.
7. Establish equipped studio to film the educational elements of courses for the preparation of visible library at the University.
8. Encourage the University’s faculties to apply for the project of “providing virtual labs for scientific courses at the Egyptian Universities” for its advantages, especially at the practical faculties.
9. Produce new virtual labs inside the University.
10. Create sub-centers at the faculties.

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Information and Communication Technology Training (ICT Training)

Introduction

The use of ICT is one of most important issues at the development system of higher education in the universities and educational institutes to improve the education and research and develop the performance of administrative and financial sectors as well as follow-up the educational affairs at all University levels. The ICT Training is one of the most important objectives at ICTP, Ministry of Higher Education.

Vision

Promote the skills of faculty members and assistants, as well as the university's employees and students in the field of ICT, in order to reach the highest levels of local performance.

Mission

Use of the ICT to improve the education, scientific research, and administration by training the faculty members and assistants, as well as employees and students on various techniques of information and communication.

Objectives

1. Establish an integrated system of trained human resources and required equipment for ICT Training at the University.
2. Train the faculty members and their assistants, as well as the university's employees on skills of ICT.
3. Improve the performance of various sectors of education, research, and administration in the University as well as disseminate the awareness of 'training for all' culture, to ensure continuous improvement.

Matrix of Training

Code	Module	Prerequisites
101	Typing Skills	
102	Concepts of IT	
103	Using Computers and Managing Files	102
104	Word Processing	103
105	Spreadsheets	104
106	Presentations	105
107	Access Database	106
108	Information and Communication	107
109	Introduction to PC Maintenance and Protection	108
201	Advanced power point	109
202	Advanced Database	
203	Advanced operating system	
204	Advanced word processing	
205	Web Publishing using Front Page	201
206	Web Authoring using Dream Weaver	202
207	Graphics - Adobe Photoshop	203
208	2D Animation-Macromedia Flash	204
209	A+ Certification (Core Hardware)	205
301	Developing Windows Applications using C#	206
302	Relational Database Fundamentals Introduction to SQL	301
303	Web Programming using ASP . Net	302
304	Scientific Research Tools (Statistical Analysis using SPSS)	303
305	Scientific Research Tools (Introduction to Matlab)	304
306	Project Management using Microsoft Project	305

Achievements

- Total Number of Trainees at the University from March 18, 2006 to March 1, 2011

Category Program Trainees Total Number Percentage

Employees	Main Course	1373	3980	34%
Assistants	Main Course	1108	1297	85%
Faculty Members	Main Course	731	1647	44%
Faculty Members	Advanced Course	400	1647	24%
Total		3612	8571	42%

- Numbers of Trainees at Various Faculties and Administrations
The Institute Lecturer Assistant Professor A-
Professor Demonstrator Employee Total

Technology		7	15	20	33	21	96
Engineering	1	43	65	40	41	35	225
Science	3	47	52	46	70	200	418
Computers					3	6	9
Arts	1	8	32	7	36	50	134
Law	1	7	5	3	7	37	60
Commerce	1	6	10	12	64	34	127
Education	1	15	19	16	38	53	142
Specific	1	8	20	28	45	95	197
Physical		4	4	23	46	77	154
Medicine	16	109	122	153	184	93	677
Veterinary	8	15	27	19	57	67	193
Agriculture	7	20	19	20	26	21	113
Nursing		1	11	18	49	23	101
The University						418	418
The Hospital						122	122
Total	40	290	401	405	699	1352	3187

Future Plan

1. Provide an appropriate number of training labs inside the building of the University's administration and its faculties.

2. Establish an infrastructure of networks for all training labs and link them with the University's network by fiber optics cables to raise the efficiency of internet connection.
3. Provide the security software of the University's network to protect devices and data from viruses which transmitted via the Internet.
4. Train 80% of workers and students on main course (ICDL) during 5 years.
5. Adding specialized training courses to serve the various disciplines of faculty members according to the needs such as: C++ , AutoCAD , MS Developer Studio,... .
6. Provide the financial support for continuity by establishing a center for education information from the University's budget.
7. Introduce professional diplomas in the field of IT to increase the financial resources of the Center.

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Director of the Project



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Digital Library and Repository of University Theses

Introduction

D-library or E-library is a set of materials (texts, images, videos, and others) that stored in a digital format. The most important mean to reach the contents of D-library occurs through the computer networks, especially over the internet.

Vision

Enabling the researchers to identify the contents of Benha University Library and Egyptian Universities Libraries generally as well as recovering the full text of international researches which published abroad by searching in a large number of international databases.

Mission

Linking between the University Libraries and the Egyptian Universities Libraries by a unified network as well as establishing an index to help in achieving the uniformity of work procedures between the libraries to achieve mutual services.

Objectives

D-library aims to give a chance for the researchers at the University in order to know the contents of Benha University Libraries and the Egyptian Universities Libraries throughout the website. In addition, D-library to provides a set of international databases in various disciplines to provide the full text of international researches which published all over the world.

The Repository of University Theses Project aims to build database of university theses to be available for researchers through the E-portal of Benha University.

The Plan

First: Automation of Benha University Libraries Project

This Project aims to build a unified index for the items of Benha University Libraries to be the core of providing information services for researchers and

students of the University. All libraries of University's faculties and the Central Library participate in this project.

The first Phase from May 2007 to March 2009:

Four libraries (the Central Library – Faculty of Medicine Library – Faculty of Science Library – Faculty of Engineering Library) have been targeted in this Phase.

The second Phase from July 2009 to June 2011:

Seven libraries (Faculty of Arts Library – Faculty of Commerce Library – Faculty of Education Library – Faculty of Specific Education Library – Faculty of Veterinary Medicine Library – Faculty of Agriculture Library – Higher Institute of Technology Library) have been targeted in this phase to complete the unified index of libraries and prepare a unified policy for borrowing.

Second: The Use of International Databases

Provide any scientific research in the International Databases and any unavailable research within current subscriptions, where the D-library project will contribute in the cost.

Services of D-library www.eulc.edu.eg

1. Providing the full text of international researches which published abroad.
2. Providing the valuable books and scientific electronic references standards.
3. Providing the full text of theses from European, American and Canadian Universities.
4. Providing the search in the University Libraries items which have been automated.
5. Providing the researches of faculty members in the Egyptian Universities at the website.
6. Providing the delivery service of documents and scientific researches for faculty members by nominal prices.

Third: The Repository of University Theses

The data of available university theses are uploaded in electronic form as well as the available old theses are scanned with electronic summary to be available at the E-portal of the University.

Achievements

- Items of most University's faculties have been entered. Such faculties have been provided with computers and barcode devices to label the books.
- The full texts of about 1000 theses from Benha University have been provided on the website. Such theses represent the total of available theses on CDs at the University.

Future Plan

The third Phase from July 2011 to June 2012

The rest of Benha University libraries (Faculty of Law Library –Faculty of Physical Education Library) will be automated to reach 15 automated libraries. The entering of these at Benha University library will be completed.

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Director of the Project



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Hatem Soliman Fahmy	Accreditation Officer of Library Automation
Atef Ahmed Mustafa	Auditing Officer of Library Automation
Mohamed Abdel Ruhman	Accountant of (D-library – D-repository)
Mona El-Sayed Abul-Ela	Secretary