

Princess Sumaya University for Technology

Annual Report 2006

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A Letter from the President

Greetings

PSUT is a Jordanian university with a special flavour. It is the only specialised university in Jordan (in ICT and Electronics). It is also the only non-profit non-governmental university in Jordan. Nevertheless, it remains a university, sharing general objectives and missions with other universities. Thus, logically speaking, a university president should start his / her letter with the basic question: What is so specific about a university? What is the essence of the concept itself? How does a university distinguish itself from pre-university education?

The way I see it is that a university is first and foremost a knowledge and knowing subject factory. It is above all else a factory for producing knowledge and knowing subjects - a hub for research and researchers. It is this essential link to knowledge, including know-how, that gives a university its special mark. Accordingly, the authenticity of a university is measured by the degree of its adherence to, and engagement with, knowledge production. All university norms and codes of ethics emanate from this basic relationship. A student first encounters genuine knowledge at his / her university, and this encounter ought to radically transform the student's consciousness and life, starting with the student's private and public ethics. Unless a university effects such profound changes in its students' conduct, ethics and attitude - unless it fosters a profound awe and respect for knowledge amongst its students; it will have fallen short of its authentic mission and objectives.

This special relationship with knowledge must

also colour, with its specific hue, student-teacher relationship. In many Arab universities, particularly private universities, students tend to view their teachers as mere paid service-providers, or mere disciplinarians. What is needed is for students to view their teachers as masters of their trade - as experts and knowledge producers - and to view themselves as potential masters - i.e., as apprentices. In this respect, medieval Arab universities were much more advanced and authentic than modern Arab universities.

Of course, knowledge production can never be separated from the constitution of knowing subjects. The knowing subject can only be constituted as a self-centred, effective, rational will via knowledge production, and the centre of the latter is the knowing subject. Universities are the institutional frameworks of this dialectical process; at least that is the case in leading universities in the industrialised countries. Arab universities are called upon to rise to the level of this authentic process.

PSUT constantly endeavours to expose its students to the latest know-how in the ICT industry, via student exchange programmes with leading world class universities, internship abroad, establishing internship incubators by leading multinational companies at PSUT, and organising international ICT conferences.

In short, it is our ambition to make of PSUT a real authentic university within the framework of a modernised productive Jordan aspiring to be a centre of higher education and scientific research in the area.

**President of PSUT,
Prof. Hisham Ghassib**

General Information

General Background

Princess Sumaya University for Technology (PSUT) is a non-profit private Jordanian university, a leading university in IT and electronics and a centre of educational excellence both locally and regionally.

It is owned by the Royal Scientific Society, the leading applied research centre in Jordan. Being non-profit with a socio-cultural mission, PSUT combines a public sense of social responsibility with the entrepreneurial drive of the private sector.

PSUT encourages creativity and innovation, both in its area of specialisation and in related areas. Versatility, curiosity, the drive for continual all-round growth and critical open-mindedness are keys to a productive fruitful life in the wider world, and beyond that, to leadership and marked influence. Rigorous academic work at PSUT is complemented by offering extracurricular activities. Thus, in addition to the officially elected student council, there are voluntary student associations, such as the IEEE PSUT student section and DART student club.

PSUT graduates are in high demand, both locally and regionally, and often receive job offers before they obtain their degrees. They work in all walks of life as programmers, technical consultants, system analysts, maintenance engineers, technical product managers and private entrepreneurs.

MISSION

The aims of Princess Sumaya University for Technology (PSUT) are:

- To graduate high-quality professionals in the leading technological fields-specifically Information Technology, Electronics and communication-capable of competing, both academically and professionally worldwide.
- To participate actively in building the IT and Communications sectors in Jordan, in accordance with official policy.
- To promote solid research in the leading technological fields, and help build a research platform for Jordanian industry.
- To play a role in disseminating computer literacy in Jordan.
- To play an active role in the digital transformation of the country and the region.

Governance

PSUT is governed by a hierarchy of councils and boards, at the top of which is its fifteen-member board of trustees, chaired by HRH Princess Sumaya Bint El Hassan. The board includes academics, scientists, bankers and business leaders, and is charged with strategic planning, policy-making and monitoring progress.

Educational Plan

PSUT's courses are designed to satisfy international academic and industrial requirements and standards. Courses are market-oriented, with a strong theoretical base, and are updated in line with advances in technology and business. Students become familiar with the newest practices in their fields of specialisation, and, through special emphasis on laboratory work, internship programmes and graduation projects, receive practical preparation for the career of their choice. PSUT offers a number of management and finance courses to complement education in science and technology fields. All students are required to pursue corporate internships, which provide actual work experience.

An essential part of the PSUT curricula is the graduation project, which gives the students the opportunity to put knowledge into practical use, acquire professional self-confidence and communication skills, and build one's creative faculty. Hitherto, the PSUT students' achievements in graduation projects have been impressive. Quite a few projects have been patented, and students have sold their own software designs to private industry.

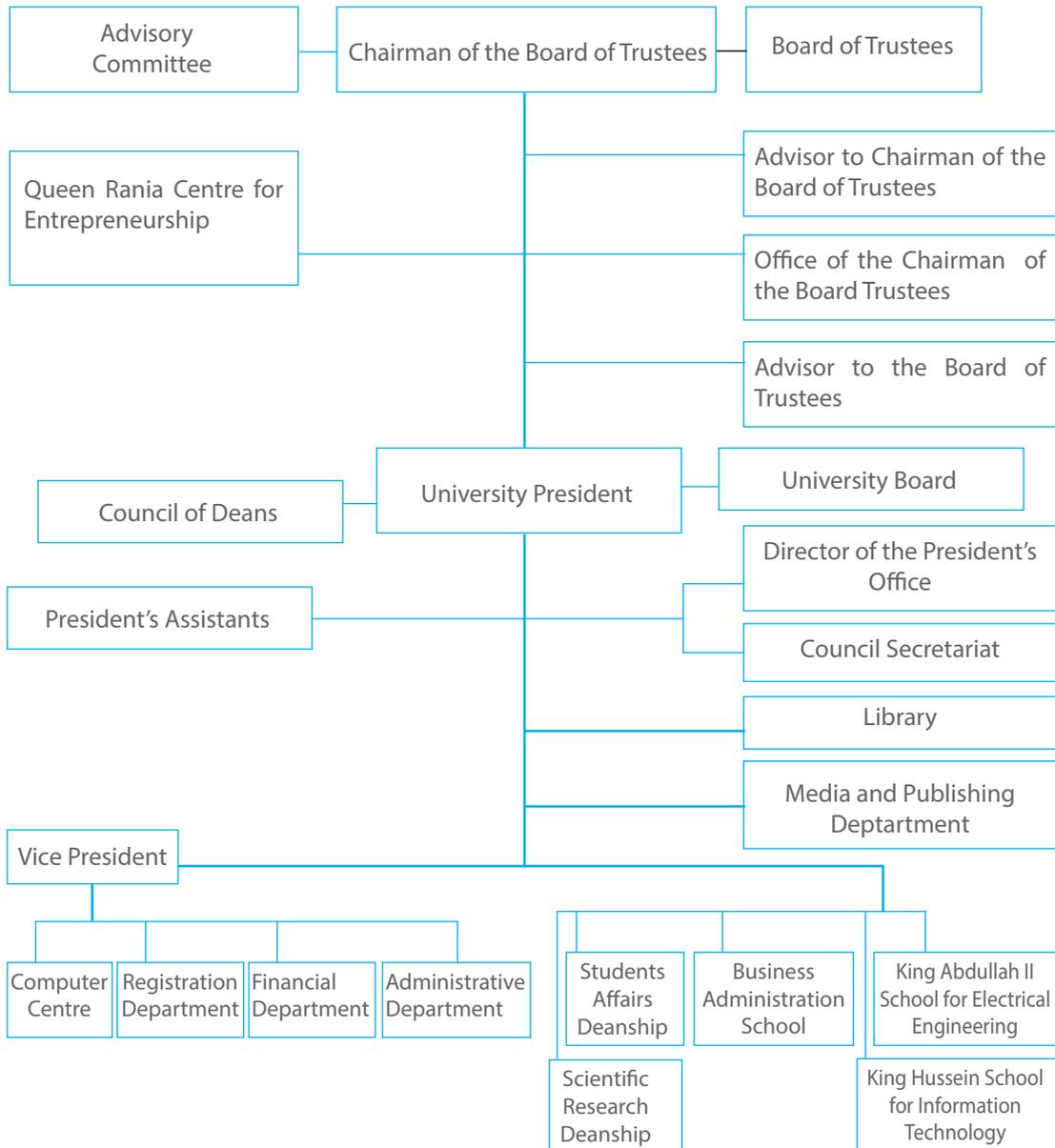
Some Achievements

Following are some of the main updates, developments and activities at Princess Sumaya University for Technology :

1. PSUT obtained approval from the Higher Education Board to launch three new majors in the undergraduate programme starting in the academic year 2006/2007- namely, Computer Graphics and Animation, Management Information Systems (MIS) and Communications Engineering.
2. PSUT has recently started three incubators for internship and recruitment purposes for Oracle, STS and Sybase.
3. PSUT graduates have outstandingly obtained the highest average amongst Jordanian universities in the efficiency examinations conducted by the Ministry of Higher Education and Scientific Research as follows:
 - a. In computer science, PSUT obtained the highest average in the efficiency examination which was held in 2005, with graduates' average higher than that of the international average. In 2006, PSUT attained the first rank among 19 Jordanian universities and the average of graduates scored was close to that of the international average.
 - b. In Computer Engineering, PSUT attained the first rank among all the Jordanian universities sitting for the examination.
4. PSUT has been running the Queen Rania Business Plan Competition for the last two years.
5. PSUT co-hosted, jointly with Al al-Bayt University, the Seventh Arab Conference on physics and astronomy.
6. PSUT held the fourth part of the National Youth Strategy on "Developing Electronic Gate for Education."

7. PSUT signed a memorandum of understanding with the Japan International Cooperation Agency (JICA) to offer e-learning courses.
8. PSUT acquired the first rank in the El Hassan Award for Scientific Excellence (2005-2006) for one of its scientific projects - namely, the three-year MEDFORIST which is the Euro-Mediterranean e-learning project.
9. PSUT organised an international conference in the Interactive Mobile and Computer Learning (IMCL) with the participation of a large number of researchers in various parts of the world. PSUT had earlier organised an international e-learning and e-commerce conference in 2005.
10. PSUT signed several agreements with a number of European universities - namely, in France, Germany, Austria, South Korea and Switzerland. These universities-in addition to others in Europe, the United States and worldwide - expressed their intention to cooperate with PSUT particularly with regards to launching joint master's programmes.
11. PSUT is currently considering the economic feasibility of launching the following master's programmes so as to be presented at a later stage to the Higher Education Council for approval:
 - a. Information Technology,
 - b. Computer Engineering and Communications,
 - c. Public Utility Regulation (in cooperation with the Telecommunications Regulatory Commission),
 - d. Administration of Environment and its Economies (in cooperation with the Royal Scientific Society and Swiss universities),
 - e. MBI (in cooperation with German Magdeburg University),
 - f. MBA (in cooperation with Grenoble University),
 - g. Educational Technology (in cooperation with the Baccalaureate School and British University of Bath).

Organisational Chart



Board of Trustees

- HRH Princess Sumaya Bint El Hassan..... Chairman of the Board of Trustees
- Professor Hisham Ghassib..... PSUT President

Members:

- HE Mrs. Suhair Al-Ali..... Minister of Planning and International Cooperation
- HE Engineer Basem Al-Rusan..... Minister of Communications and Information Technology
- HE Mr. Jawad Hadid Former Minister of Planning, General Manager/CEO of Jordan Commercial Bank
- Dr. Fawwaz Zu'bi CEO of Accelerator Technology Holdings
- Professor Ahmad Hiyasat Chairman of the Telecommunications Regulatory Commission
- Professor Humam Ghassib..... University of Jordan and Arab Thought Forum
- Professor Ahmad Alawneh..... Vice President of Al al-Bayt University
- Professor Mansour Al-Abadi Jordan University of Science and Technology
- Engineer Mousa Qteishat Chairman of the Jordan Computer Society
- Dr. Shabib Ammari Chairman of the Board of Directors of Jordan Telecom
- Dr. Khaled Kahhaleh Vice President of the Royal Scientific Society
- Dr. Saqer Abdel-Rahim Director of the Information Technology Centre / the Royal Scientific Society
- Mr. Rudayn Qu'war Executive Director of the Qu'war Group

Advisor to the Board

- Dr. Seyfeddin Muaz Executive Vice President at the Royal Scientific Society

Council of Deans

1. Professor Hisham Ghassib President
2. Professor Mohammad Mismar.....Vice President
3. Professor Abdullah Zu'bi.....Dean of ScientificResearch
4. Dr. Mohammad Adel Sheishani.....Dean of Students Affairs
5. Dr. Arafat Awajan.....Dean of the King Hussein School for Information Technology
6. Dr. Moussa Habib.....Acting Dean of the King Abdullah II School for Electrical Engineering

Financial and Administrative Facts

Financial and Administrative Facts

Total Revenue Vs. Total Expenses For The Past Three Years

	Actual recorded 2004-2005	Actual recorded 2005-2006	Predicted budget 2006-2007
Total revenues	2,035,541	2,210,580	2,700,000
Total expenses	2,612,911	2,330,353	2,700,000

	Actual Recorded 2004-2005	Actual recorded 2005-2006	Predicted budget 2006-2007
Total revenues from fees	1,990,725	2,129,965	2,500,000
Total salaries and related expenses	1,896,465	1,668,510	1,795,000
Maintenance expenses and new projects	338,610	389,670	440,000
Utilities	337,840	272,775	71,000

Scholarships

	2004-2005	2005-2006	2006-2007
Chairman's scholarships	156,700	135,560	125,000
Employees' scholarships	31,016	23,855	15,000
Needy students fund scholarships	41,288	36,082	41,000
Distinguished students fund scholarships	59,534	87,479	100,000

Number Of Staff For The Past Three Years

	2004-2005	2005-2006	2006-2007
Total number of staff	93	121	134
Number of teaching staff	33	40	42
Number of non-teaching staff	60	81	92

Chairman's Expenses

Items	2003	2004	2005	2006
Miscellaneous	33764.655	83100.211	207017.239	9307.000
Scholarships	8987.000	160277.25	147265.500	81526.000
Traccs			19140	18502
Advize /Grey			19140	20880
Salaries				5000
Total/Year	42751.655	243377.461	392562.739	135215.000
			Total	813906.855

Information and Figures on Students

Number of Enrolled Students 2006/2007

First Semester

Total number of female students	218
Total number of male students	692
Total number of students	910

Students are distributed as follows:

Computer Science

Female	Male	Number	Year
12	70	82	First
13	60	73	Second
7	47	54	Third
17	55	72	Fourth
49	232	281	Total

Electronics Engineering

Female	Male	Number	Year
2	12	14	First
1	23	24	Second
3	18	21	Third
2	18	20	Fourth
3	25	28	Fifth
11	96	107	Total

Computer Engineering

Female	Male	Number	Year
13	23	36	First
7	14	21	Second
1	16	17	Third
6	30	36	Fourth
14	23	37	Fifth
41	106	147	Total

Communications Engineering

Female	Male	Number	Year
26	105	131	First
13	29	42	Second
3	6	9	Third
1	2	3	Fourth
0	0	0	Fifth
43	142	185	Total

Management Information Systems

Female	Male	Number	Year
40	41	81	First
5	18	23	Second
0	2	2	Third
0	0	0	Fourth
45	61	106	Total

Computer Graphics and Animation

Female	Male	Number	Year
26	46	72	First
3	9	12	Second
0	0	0	Third
0	0	0	Fourth
29	55	84	Total

Number of Enrolled Students According to Nationality and Gender

Major	Electronics Engineering			Computer Science			Computer Graphics and Animation			Management Information Systems			Communications Engineering			Computer Engineering			Total
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	
Jordanian	85	10	95	216	43	259	55	42	97	51	26	77	125	40	165	93	34	127	820
Palestinian	9	0	9	7	2	9				0	2	2	12	0	12	5	1	6	38
Syrian	0	1	1	3	2	5	1	0	1	1	0	1	1	3	4	5	3	8	20
Iraqi	2	0	2	2	2	4	4	2	6	1	0	1							13
United States							0	1	1	0	1	1				1	1	2	4
Saudi				2	0	2										0	1	1	3
British													2	0	2				2
Russian							1	0	1										1
Romanian																0	1	1	1
Sudanese										1	0	1							1
Turkish																1	0	1	1
Bahraini													1	0	1				1
Spanish				1	0	1													1
Libyan													1	0	1				1
Egyptian				1	0	1													1
Hungarian										1	0	1							1
Greek																1	0	1	1
Total	96	11	107	232	49	281	61	45	106	55	29	84	142	43	185	106	41	147	910

M: male, F: female, T:total

Number of Enrolled Student According to Average and Major

First Semester

First Semester 2006/2007																			
Major	Computer Science			Electronics Engineering			Communications Engineering			Computer Engineering			Computer Graphics and Animation			Management Information Systems			Total
Average	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	
99.9-90	2	1	3	3	1	4	9	5	14	32	6	38	2	3	5	1	2	3	67
89.9-80	6	3	9	8	1	9	10	9	19	50	14	64	5	9	14	4	5	9	124
79.9-70	22	6	28	0	0	0	0	0	0	0	0	0	18	22	40	12	13	25	93
69.9-60	6	0	6	0	0	0	0	0	0	0	0	0	3	1	4	2	0	2	12
Total	36	10	46	11	2	13	19	14	33	88	20	102	28	36	63	19	20	39	296

M: male, F: female, T:total

Number of Graduates

Total	Computer Engineering	Electronics Engineering	Computer Science	Major Year
156	13	53	90	2005

Main Highlights of 2005-2006

The King Hussein School for Information Technology

The King Hussein School for Information Technology

Overview

The King Hussein School for Information Technology (KHSIT) was established in 2004. It currently consists of the following academic departments:

- The Department of Computer Science (established in 1991).
- The Department of Sciences and Humanities, which shoulders the responsibility of teaching all the supplementary and service courses.
- The Department of Computer Graphics (established in 2006).
- The Department of Management Information Systems (established in 2006.)

The first two years of the establishment of the KHSIT witnessed many changes at all levels. The changes included expansion in the buildings, employment of new faculty members, development of academic plans and the establishment of new specialties. The KHSIT applied the university policy of openness to the market. Thus, relations were developed with the largest information technology companies at both the local and international levels. Also, the KHSIT launched a cooperation plan with local academic institutions and internationally renowned universities in order to exchange expertise, knowledge and technology. This was coupled with many scientific and academic achievements that helped the KHSIT to be classified as the first among the information technology schools in Jordan in accordance with the classification of the Ministry of Higher Education and Scientific Research based on the results of the Achievement Exams in Computer Science in Jordanian universities.

Major achievements:

Buildings, laboratories and business incubators

1. An extension of the KHSIT was built in late 2004. The new extension included a new floor used as offices of the faculty members, three new laboratories for the Department of Computer Graphics and Animation, in addition to the Deanship offices and a meeting hall.
2. The KHSIT has the following (12) laboratories:
 - I. Two business incubators joined with the Oracle and STS Microsoft Academy.
 - II. Eight computer laboratories.
 - III. One language laboratory.
 - IV. One training laboratory in cooperation with Sybase.
3. An agreement was signed with Sybase for the establishment of a business incubator in early 2006.
4. The laboratories were equipped with the most up-to-date computers, so that the total number of computers available at KHSIT has become as follows:
 - a. Personal computers (151). The KHSIT has been supplied with (89) computers during the past two years.
 - b. Servers (5). The KHSIT has been supplied with (2) servers during the past two years.
 - c. Laptops (11). The KHSIT has been supplied with (9) laptops during the past two years.
 - d. The language laboratory has been supplied with all the needed equipment this year.
5. A laboratory was established for the purpose of research and development in e-learning.
6. A language laboratory was established aiming at enhancing students' skills and competency of the foreign languages in general and the English language in particular.
7. The KHSIT has (8) teaching halls, (4) of which were supplied with power points.

Faculty Members and Employees

1. Despite the fact that many international and local universities find difficulty in employing highly qualified faculty members in the field of computer science, the KHSIT managed to double the number of faculty members in the rare specialties through its good reputation and its distinguished work environment.
2. The following table indicates the distribution of faculty members in the KHSIT according to their academic qualifications, and shows the change in the number of university employees:

Academic year	PhD holders	MA holders	BA holders	Diploma	Other
2000-2001	12	1	7	2	0
2004-2005	16	5	6	2	2
2005-2006	16	7	9	2	2

3. The following table indicates the distribution of employees in the Department of Computer Science according to their academic qualifications, and shows the change in the number of university employees:

Academic year	PhD holders	MA holders	BA holders	Diploma	Other
2000-2001	6	0	7	1	0
2004-2005	9	1	6	1	2
2005-2006	10	2	9	1	2

Academic year	PhD holders	MA holders	BA holders	Diploma	Other
2000-2001	6	1	0	1	0
2004-2005	7	4	0	1	0
2005-2006	6	4	0	1	0

4. The following table indicates the distribution of employees in the Department of Sciences and Humanities (and in the Department of Management Information Systems as of 2006) according to their academic qualifications. It also shows the change in the number of employees at the university:

5. The university implemented the policy of dispatching its employees abroad to pursue their higher education. As a result, (3) KHSIT employees were sent to finish their higher education, (2) of whom returned after respectively obtaining a master's and a PhD degree in computer science, and the third in physics. Furthermore, a laboratory supervisor will be dispatched this year abroad to obtain a PhD degree in computer science.
6. Faculty members participated in specialised conferences at the local and regional levels.
7. The KHSIT followed a policy to develop the employees' qualifications through giving them the opportunity to enroll in training courses and workshops at the university, in Jordan and abroad. Following are some of the training courses:
 - a. (6) employees enrolled in English language training courses.
 - b. Training courses in electronic business and e-commerce were held at the KHSIT for laboratory supervisors.
 - c. (4) faculty members and laboratory supervisors enrolled in a workshop in Morocco on "The Use of Communication and Information Technology in the Economic Institutions," which is part of the "MEDFORIST" project.
 - d. (4) faculty members and laboratory supervisors participated in a workshop on e-learning, which was held in Grenoble University - France, as part of the "MEDFORIST" project.
 - e. (1) faculty member and (1) laboratory supervisor participated in a training course at Sybase Company in Dubai from May 3 to May 22, 2006, to get introduced to the programming systems of the company.

Academic Plans and New Specialties

1. A thorough and comprehensive revision of the Computer Science academic plan has been carried out. The following elements have been taken into account in renovating and developing the plan:
 - a. The results of the referees' report of Al-Hussein Award for Distinction.
 - b. The development of Information Technology internationally, regionally and locally.
 - c. The needs of the Jordanian and regional markets as envisaged by major companies and institutions in Information Technology.
 - d. Comments by the faculty members.

- e. The university policy in expanding specialties.
2. The Computer Graphics and Animation and Management Information Systems curricula have been prepared and approved.
3. The KHSIT developed a number of proposals for M.Sc. programmes (Computer Science, ICT and MBA). These proposals are still under study in the various university boards.

Academic Conferences and Workshops

1. The Electronic Business and Electronic Learning (EBEL05) Conference

The first conference on Electronic Business and Electronic Learning was held at the PSUT from August 23 - 24, 2005. The conference was held within the academic activities of MEDFORIST in the field of Information Technology in general and Electronic Business and Electronic Learning in particular.

The conference aimed at activating academic research in Jordan in the fields of the application of Information Technology related to Electronic Business and Electronic Learning and the use of modern technology in supporting the development of business and learning at all levels. Furthermore, the conference sought to increase the academic and research relationship between the PSUT and other international, Arab and Jordanian universities as well as reinforce the university's role in academic and consultation studies. On the other hand, the conference enriched the accumulated experience of the university and the MEDFORIST network which encouraged the private sector to actively participate in the applied academic research and the use of academic experience for this purpose.

More than seventy research papers prepared by more than 40 professors were presented from 26 countries - namely, Jordan, France, the United Kingdom, Greece, Finland, Canada, Germany, Austria, Denmark, Pakistan, Morocco, Turkey, Syria, Malta, Egypt, Cyprus, Tunisia, Algeria, Lebanon, Palestine, Qatar, Oman, Bahrain, Malaysia, Italy and the Philippines. The research papers tackled five major fields covering e-business, e-commerce, e-learning, information networks and systems and the legal issues related to the knowledge economy. The research papers were reviewed and referred by a world class international academic committee, which consisted of 30 professors specialised in these fields. Only half of the research papers passed the evaluation process.

The conference was supported by a number of international and local institutions and companies, among which were the European Union, Microsoft, the Jordanian company Minhaj, the Electronic Directory for Arab Law, the British Jordanian Initiative in Information Technology, the Jordanian Association of Computers and Ad-Dustour newspaper.

2. The KHSIT organised the following workshops during the conference:

- a. A workshop on "Electronic Commerce and Customers" Relations." The lecturers were from France, Algeria, Palestine and Jordan.
- b. A workshop on "Electronic Learning." The lecturers were from France and Jordan.
3. The KHSIT organised, in conjunction with Oracle, a series of training workshops on database programming and business programming during the first semester of 2005-2006. Mr. Derick, the technical manager of Developing Oracle Programming in Europe and the Middle East, was the lecturer of this workshop.
4. A training course was held from November 20-27, 2005 on "The Uses of Open Programming" in the KHSIT in conjunction with "TEMPUS" and was presented by Dr. Multe Sussedorf from Germany. Trainees from the PSUT participated in this course.
5. The KHSIT held a training workshop on Computer Graphics and Film Production from July 7-16, 2006 in conjunction with the Royal Bureau of Films and the University of South California. (15) trainees participated in the workshop from the private sector and the Royal Bureau in addition to laboratory supervisors and students of Computer Graphics and Animation. The lecturers were Kathy Smith and Kristy Kang.
6. Microsoft Company organised its annual scientific meeting (2005), in conjunction with the KHSIT for members of Dot Net clubs. Students of Computer Graphics and Animation participated in organising the meeting with members of PSUT-Dot Net Club.
7. Microsoft Company organised its annual scientific meeting 2006, in conjunction with the KHSIT, for members of Dot Net clubs. Students of Computer Science participated in organising the meeting with members of PSUT-Dot Net Club. Furthermore, more than (200) students from different Jordanian universities participated in the meeting.

Academic and Research Projects

1. The KHSIT participated in a number of academic and research projects with European and Arab universities. These participations helped build bonds of cooperation with these universities as well as exchanging technical experiences and knowledge. Moreover, the KHSIT obtained financial support and training opportunities for faculty members and employees due to this participation.
2. Among the most important projects are:
 - a. MEDFORIST project for Mediterranean and European universities which lasted for three years.
 - b. TEMPUS project which aimed at developing e-learning systems in Computer Science. The project started in 2005 and will last until 2008.

3. MEDFORIST (Network of Euro-Mediterranean ICT Universities).

- a. The project started in 2003 and lasted for three years within the European Mediterranean Companionship Projects (EUMEDIS).
- b. (15) universities from France, Britain, Greece, Finland, Tunisia, Algeria, Morocco, Malta, Egypt, Syria, Turkey, Palestine, Cyprus and Jordan participated in the project.
- c. (4) employees from the university were trained on the technicalities of Electronic Business and Electronic Learning during a number of training courses held in France, Morocco and Jordan.
- d. Through this project, the university obtained the e-learning system. Thus, students benefited from it and used it during the academic year 2005-2006. The system includes the academic material taught at the university.
- e. The university received 120,000 euros from the European Union for this project.
- f. The university, through this project, received a number of computers and a server priced at 24,000 euros.
- g. A unit for research and development in Electronic Business and Electronic Learning was founded in the university in order to follow up on the project's activities and development at the university.

4. TEMPUS

- a. The project started in 2005 and will last until 2008.
 - b. Universities and academic research institutions from France, Spain, Greece and Jordan participate in this project.
 - c. The project aims at developing an academic content for the Computer Science M.Sc. programme.
 - d. Dr. Arafat Awjan (director of the project at the university) and Dr. Said Hamad are participants from the KHSIT.
 - e. The university received, through this project, computers worth JD10,000.
5. A proposed project to develop e-learning content in Arabic (E-learning Towards the Creation of Arabic Learning Objects Repository) :

- a. This project was presented to the Higher Council for Science and Technology and the Tunisian Ministry of Higher Education and Academic Research, and it was approved on September 30, 2006.

- b. It is one of the joint ventures between Jordan and Tunisia.
- c. PSUT and the University of Tunisia are participants in it.
- d. It aims at developing criteria for e-learning systems in Arabic.

E-learning www.itcollege.psut.edu.jo:

1. Based on the results of MEDFORIST, a unit of research and development in e-business and e-learning was founded.

2. The above-mentioned unit aims at the following:

Following up on the most developed technological devices in e-learning to be used at the university.

Technical supervision of e-learning at the university.

Recording academic lectures on videotapes for the benefit of university students.

Helping faculty members prepare contents of the electronic material.

Holding workshops on e-business and e-learning.

Preparing an incubator for the students' projects related to e-business and e-learning.

Holding training courses specialised in e-business and e-learning for all (students, graduates, faculty members, employees and managers from commercial and industrial companies).

Academic Awards

MEDFORIST and the Research and Development Unit, which was established at the KHSIT to develop the results of the project, ranked first in the El-Hassan Bin Talal Award for Academic Distinction (2006). This prestigious award is a mark of excellence for the university and the e-learning Research and Development Unit, which is playing an important role in implementing projects such as the TEMPUS projects.

Cooperation and External Relations

The KHSIT has continued to apply university policy, which aims at strengthening the relations between academic learning and the market. During the past two years, the KHSIT has signed several agreements with a number of large international and local companies and institutions specialised in Information Technology. These agreements included a number of cooperation projects, the organisation of academic activities and the establishment of business incubators for these companies

on campus. These companies are:

- a. Microsoft,
- b. Oracle,
- c. Sybase,
- d. The Arab Academy for Microsoft,
- e. Specialised Technical Services (STS),
- f. Japan International Cooperation Agency (JICA).

1. Microsoft

The PSUT in general, and the KHSIT in particular, have had a cooperation relationship with Microsoft to enhance joint ventures, the most important of which are:

Training (6) students from the university with the team of the electronic government. A total of (12) students were selected from all Jordanian universities based on personal interviews.

Establishing Dot Net PSUT Student Club at the university, managed by 200 students from the university who were provided with Evaluation Copies of the Share Point Portal Server.

Presenting the comprehensive development programming MSDNNA for free for several years to come.

Receiving the academic day MS.Net Clubs at the university on July 16, 2005. About 250 people attended that day.

Supporting EBEL conference which was held at the university in August 2005.

Signing an agreement with Microsoft within the framework of 3-school projects for three years.

Supporting the next EBEL conference with a lecturer to be invited to participate in the conference, in addition to financing the conference to cover expenses.

Holding Microsoft academic day for programmers at the university on April 15, 2006.

Preparing a proposal to establish an incubator at the university specialised in the field of programming games and films using Xbox sponsored by Microsoft.

Cooperation between the two parties to build a developed e-learning model to support the research and development unit (MEDFORIST) in this field.

2. Oracle

A cooperation agreement was signed between the PSUT and the international company, Oracle, on May 24, 2005 with Her Royal Highness Princess Sumaya acting as patron. According to the agreement, the university has allocated one of its laboratories as an incubator for Oracle. This incubator is managed by Oracle Amman-based regional office for the Middle East and Africa. On the other hand, the company equipped the incubator with the most updated equipment and technical systems produced by Oracle. A number of PSUT graduates have been employed to work in the incubator.

According to the agreement, Oracle installed a wireless net at the KHSIT premises and the cafeteria. The net was later expanded to cover El Hassan Library and the Friendship Auditorium at the PSUT. Students are thus able to use the Internet on their laptops wirelessly at these two locations.

The establishment of the incubator has contributed the following:

1. Training for Oracle programming students and Linux systems.
2. Supplying the university with the most updated learning techniques and resources in the application of Oracle and Linux systems in addition to updating them from time to time.
3. Organising training courses for university students and employees on the application of Oracle and Linux systems. Participants are given the opportunity through this course to know about the current market needs as well as the future needs in these fields.
4. Supporting graduation projects related to the applications used in the programming of Oracle and Java.
5. Giving the university a free registration with Oracle Academy. Thus, students and faculty members can benefit from the company's products and academic resources.

Sybase

A cooperation agreement was signed between the university and the company.

The company equipped a modern laboratory at the university (20 personal computers, a server, a laptop and a local web). The laboratory is used to train students on the programming and application of Sybase.

The company organised a two-week training course for (2) PSUT employees in Dubai.

The PSUT agreed with the company to organise regular training courses for university students on the use of database applications and comprehensive solutions as of the second semester of 2006-2007.

4. The Arab Academy for Microsoft and Specialised Technical Services
 - a. A cooperation agreement was signed between the PSUT and the company on March 14, 2005.
 - b. A business incubator was established at the PSUT. More than (20) students were trained at the company.
 - c. Supporting the programming students' graduation projects. The students worked on authentic projects for the company within their graduation projects.
 - d. The organisation of training courses for PSUT students and employees.
5. Japan International Cooperation Agency (JICA)
 - a. An agreement was signed between the PSUT and the Japan International Cooperation Agency (JICA). The main purpose was to benefit from JICA's experience in e-learning and distant learning. It was also intended to develop students' skills and update their information in computer network so that they can keep up with the market needs.
 - b. JICA held an experimental training course for university students in conjunction with the Jordanian company "Minhaj." The course, entitled "First Steps on Network," was held during the summer semester of 2005-2006. The participants in the course obtained accredited certificates from JICA.
 - c. In accordance with the agreement, JICA proposed an elective course on Computer Net for PSUT students at the beginning of the first semester of 2005-2006. The number of enrolled students was (17). The students obtained an accredited certificate from JICA. The technique followed in teaching was the "Project-Based Learning." This technique gives priority to application while the teacher's role is to direct students and answer their questions. Thus, the student's acquired knowledge is a result of a personal experience.

Achievement Examination

1. The achievement examination was held by the Ministry of Higher Education and Scientific Research two years in a row starting in 2005. The results of the examination show a clear distinction of the students of the KHSIT over their counterparts in the other universities. The PSUT achieved the first rank for two consecutive years in Computer Science among 19 public and private universities.
2. The number of students who participated in the first round was 114, and all of them graduated in 2005. In that examination, the PSUT exceeded the international average.
3. All the students, who were expected to graduate in the second semester of 2005-2006, sat for the Achievement Examination. (12) Students of them scored an average above the international average. One of the students scored the highest average among 882 students from different universities.

Internal Courses

The KHSIT continued to hold specialized courses for university students in Information Technology. Following is a table that shows the courses that were held during 2005-2006:

Subject	Lecturer	Date	Hours	Number of Students
Maya Fundamentals	Akram Kouz	5/4/2006	50	10
Introduction To Pl/sql Programme Units	Hammam Ishaq	5/2/2006	10	6
Directx 9 Programmeming	Akram Kouz	5/2/2006	30	6
Introduction To Oracle Form Developer	Hammam Ishaq	8/2/2006	20	8
Introduction To Oracle Report Developer	Hammam Ishaq	19/2/2006	10	6
Asp.net	Hammam Ishaq	21/9/2005	20	7
Macromedia Flash Mx 2004	Laila Sayaydeh	18/9/2005	20	18
Ado.net	Hammam Ishaq	17/9/2005	10	8
Adobe Photoshop7.0	Laila Sayaydeh	11/9/2005	10	11
Vb.net	Hammam Ishaq	4/9/2005	10	10
Introduction To Developer	Hammam Ishaq	30/6/2005	20	18
(Introduction To Oracle (Sql/pl Sql	Hammam Ishaq	21/6/2005	20	17
C#.net	Trainer from Microsoft	14/3/2005	50	10
First Steps On Network	Training supported by JICA with e-learning techniques	Summer semester 2005	20	180
Smart Device Application/ Wireless Programmeming	Pioneers Tech Soft	March 2006	18	20

Internet and the University Website on the Internet

1. The KHSIT was assigned to supervise the tasks of the Computer Centre at the PSUT. It included the supervision of the net as well as building up and updating the university website on the Internet. This objective was conducted in conjunction with the Information Technology Centre at the Royal Scientific Society in the field of the programming used in the different departments at the university such as the Admission and Registration Department, the Financial Systems Department and the Library.
2. A new website was designed and launched, and KHIST has supervised its IT technical aspect.

Local Community Service

1. The KHSIT and its employees undertook several initiatives in order to enhance their role in the local Jordanian community at all levels. The aim is to strengthen ties between the different institutions and sectors on the one hand and the PSUT on the other, as the university plays a national role.
2. (3) lecturers from the PSUT held training courses in the Amman Chamber of Commerce for a number of employees working in the commercial sectors. The subjects of the training courses were Electronic Commerce, Customer Relation Management and Electronic Marketing. (120) trainees participated in the training courses.
3. The KHSIT held a free training course on computer use for the distinguished Tawjihi students.
4. The KHSIT represents PSUT annually in the Middle East Technology Show (METS).
5. The KHSIT represents PSUT annually in the Exhibition of Electronic Websites (WEBex). This exhibition is organised yearly to display the latest trends in electronic websites building on the Internet.
6. The KHSIT represented PSUT in 2005 and 2006 in the open academic and social activity held by the Society of Family Care in remote areas in the Kingdom.

a) Research Papers

1. Arafat Awajan and George Sammour, "A Proposed Quality Assurance System for E-Learning Solutions," E-commerce Conference, Tunis, June 2005.
2. George Sammour, "Heuristic Search on Encrypted Data," EBEL05 Conference, Amman, May 2005.
3. Mahmoud Al-Qudah, "The Influence of Chatting on Students Writing," Elt 3rd AITEFL Conference, Belgrade, May 2005.
4. Walid Abu Salameh and Mohammad Otair, "Speeding Up Back-Propagation Neural Networks," Proceedings of the 2005 Informing Science and IT Education Joint Conference.
5. Walid Abu Salameh and Mohammad Otair, "Solving The Exclusive-OR Problem Using An Optical Back - Propagation Algorithm," AI Journal, 2005 - re-acceptance Received.
6. George Sammour, "E-learning Systems Based on the Semantic Web," The First International Conference on Interactive Mobile and Computer Aided Learning (IMCL 06), Jordan, April 19-21 2006 (Accepted to be published in International Journal of Emerging Technologies in Learning).
7. Akram Al-Kouz, "Web Services Based Learning Objects Generator for Device-Independent M-Learning," The First International Conference on Interactive Mobile and Computer Aided Learning (IMCL 06) Jordan, April 19-21, 2006.
8. Samir Abu El-Seoud, Husam El-Sofany, M. El-Khouly, F. Fayed, Sameh Daoud, Jihad M. Jaam and Ahmed Hasna, "A Web-based E-Learning System Using Semantic Web Framework," the First International Conference on Mobile and Interactive Computer Aided Learning (IMCL2006), 19-21 April 2006, Amman-Jordan.
9. Baha Khasawneh and Samir A. El-Seoud, "Framework for On-demand E-learning Resources Allocation and Distribution," The First International Conference on Mobile and Interactive Computer Aided Learning (IMCL2006), 19-21 April, 2006, Amman-Jordan.
10. Samir Abu El-Seoud and M. El-Khouly, "A Tutoring Course on Radiation Physics," the Fourth International Internet Education Conference (ICT-Learn 2005), Towards Information Society, WSIS II, Cairo-Egypt, September 6-8, 2005
11. M. El-Khouly and Samir Abou El-Seoud, "Multi-phase Adaptation for Broker Agents," The Third International Conference on Computing, Communications and Control Technologies, CCCT'05, Austin, Texas, USA, July 24-27, 2005.

12. M. El-Khouly and Samir Abu El-Seoud, "Using Web-Based Course to Enhance Educational Process in Qatar - A Case Study," The First International E-Business Conference (IEBC'05), Tunisia, June 23 - 25, 2005.
13. M. El-Khouly and Samir Abu El-Seoud, "Online Student Model," The First International Conference on E-Business and e-Learning (EBEL 2005), Jordan, May 23-24, 2005. (Accepted for publication in International Journal of Computing and Information Sciences - IJCIS).
14. Hosam F. El-Sofany, Ahmed M. Hasnah, Samir Abu El-Seoud and Fayed M. Ghaleb, "A Web-Based e-Learning System Experiment," The First International Conference on E-Business and E-Learning (EBEL 2005), Jordan, May 23-24 2005 (accepted for publication in International Journal of Computing and Information Sciences - IJCIS).

b) Books

1. Yahia Al-Halabi, "Computer Skills II-Visual Programmemeing", Dar-Wael Publishing Company, Jordan, 2005, Second Edition.
2. Walid Abu Salameh and Abdul Fattah Al-Tamimi, Introduction to the Computer Networks and the Internet , 2005.

This book is taught at Al-Quds Open University.

3. Arafat Awajan, Electronic Commerce, 2006.

This book is taught at the Ministry of Education schools.

These achievements were the result of all the efforts exerted by the PSUT employees in addition to the support of Her Royal Highness Princess Sumaya, President of the PSUT Board of Trustees. Princess Sumaya's direct supervision of many activities in the KHSIT played a vital role in all these achievements. Furthermore, the strategic vision which Her Royal Highness delineated for the university in general, and for the KHSIT in particular, contributed to all the achievements, coupled with the trust Her Royal Highness gave to the KHSIT and all the employees working in it. Furthermore, the trust of the PSUT administration and its support for the KHSIT activities played a pivotal role in giving the KHSIT a boost to continue its work and achievements. The success of the KHSIT in achieving most of the preset objectives was the result of a great effort and cooperation at all levels undertaken by all the employees, faculty members, laboratory supervisors and administrative staff. These achievements are attributed to the positive team work, cooperation and the sense of responsibility the employees had.



The King Abdullah II School for Electrical Engineering

The King Abdullah II School for Electrical Engineering

1. The Faculty

The King Abdullah II School for Electrical Engineering at Princess Sumaya University for Technology consists of three departments: The Electronics Engineering Department (founded in 1994), the Computer Engineering Department (founded in 2002), and the Communications Engineering Department (founded in 2005). About 500 students are currently enrolled in the school's three undergraduate programmes. A student can receive the B.Sc. in any of the three engineering majors upon the completion of 160 credit hours distributed over department, faculty and university requirements.

2. Members of the Faculty of Engineering Council:

- a. Dr. Moussa Habib
- b. Dr. Ali Al Haj
- c. Dr. Omar Hassan
- d. Dr. Ahmad Tawayeha
- e. Dr. Ashraf Tahat
- f. Dr. Bassam Kahhaleh

3. Department and Academic Programmeme

Department	Department head	Date of establishment	Credit hours	Degree
Electronics Engineering	Dr. Habib	1993	160	Bachelor
Computer Engineering	Dr. Al Haj	2001	160	Bachelor
Communications Engineering	Dr. Hassan	2005/2006	160	Bachelor

4. Faculty Members

Following are the faculty members in the three engineering departments according to their academic rank:

Department	Professor	Associate	Assistant	Lecturer	Total number
Electronics Engineering	1	5	2	-	8
Computer Engineering	1	2	-	1	4
Communications Engineering	1	1	2	-	4

Academic promotion

The following faculty members were promoted from the rank assistant professor to the rank associate professor:

1. Dr. Ali Al Haj
2. Dr. Omar Hassan
3. Dr. Wejdan Abul Heija

Academic leaves of absence and secondments during the year 2005/2006:

Academic Department	Faculty member	Leave	Sabbatical leave
Electronics Engineering	—	—	—
Computer Engineering	Dr. Ahmad Hiasat	1	—
Communications Engineering	—	—	—

5. The students:

Academic Department	Freshman students	Total number of students	Graduates 2005/2006
Electronics Engineering	16	107	53
Computer Engineering	18	146	13
Communications Engineering	63	181	—

6. New faculty staff who are still pursuing studies or have returned to PSUT from scholarships after obtaining their degrees:

Academic Department	Scholar Name	Degree				University Country	Degree Date
		PhD	Master's+PhD	Master's	Training		
Electronics Engineering	Ismail Nabhan		1			China	—
	Fadi Shahrore		1			China	—
	Iyad Kouz				1	France	2005
	Ashraf Subha				1	Spain	2005
Computer Engineering	Esam Qaralleh		1		—	China	2005

7. Preparing New Academic Curricula:

1. Preparing the communications engineering curriculum with 160 credit hours.
2. Reformatting the computer engineering curriculum with 160 credit hours.
3. Re-establishing of a new engineering workshop course for the three department curricula.
4. Preparing a proposed M.Sc. programmeme.

8. Engineering laboratories and laboratory instructors:

Academic Department	Lab Name	Lab number	Lab Instructor	Teaching Aids
Electronics Engineering	Electronics	EE102	Eyad Al Kouz	—
Electronics Engineering	Machines	EE104	Rami Eleiwa	—
Electronics Engineering	Circuits	EE101	Neda' Al Daher	—
Electronics Engineering	Biomedical Engineering	EE206	Beesan Azab	—
Electronics Engineering	Industrial Electronics	EE207	Moh'd Taha	9
Electronics Engineering	Workshops	EE203	Mahmoud Fares	8
Computer Engineering	Computer Organisation	EE201	Walid Zou'bi	—
Computer Engineering	Microprocessor	EE204	Samih Owedah	17
Computer Engineering	Computer Networks	EE344	Ashraf Sabha	21
Communications Engineering	Communications	EE242	Omar Asaly	—
	Senior Projects Lab	EE203	Mahmoud Fares	5
	PC Lab	EE202	Hatem Al-Bakhet	40

9. Scientific Activities

a. Following are the scientific days and seminars conducted during the academic year 2005-2006:

1. Online High School Curricula by Menhaj,
2. MRI Technology by Philips Medical,
3. MobileServices by MobileCom.

b. PSUT held an engineering conference on the Interactive Mobile and Computer Learning (IMCL) 2005.

c. EEC conferences attended by faculty members:

1. Dr. Wejdan Abul Haija, IEEE, Dallas.
2. Dr. Omar Hassan, ISMIT'05, United Kingdom.
3. Dr. Abdullah Al Zu'bi, ISSMT, England.
4. Dr. Moussa Habib, KES'05, Australia.
5. Dr. Mahmoud Hassan, Examtec 06, Spain.

10. Scientific Publications

Academic department	Published in international journals	Accepted for publication in international journals	Published in national journals	Conference proceedings	Scientific books
Electronics Engineering	9	4	0	9	—
Computer Engineering	3	—	—	—	—
Communications Engineering	—	—	4	4	—

11. International and National Agreements

PSUT signed an agreement with Cisco International to be the first and the only regional and local Cisco networking academy teaching (CCNA, wireless networking, security of computer networks) among Jordanian universities. According to the agreement, PSUT received a bundle of training devices for both security and wireless networks in addition to the CCNA training devices it had already received.

12. Student training during the year 2005/2006

International Training			National Training (JORDAN)	
Country	Number of students	Training field	Number of students	Training field
USA	3	Biomedical Engineering	15	Communication
UK	5	Computer Engineering	10	Power Systems
Total	8		25	

13. Future Outlook

PSUT undertook the necessary preparations to facilitate the ABET accreditation of the Electronics and Computer Engineering programmes. Other goals include putting together a proposed curriculum in Medical Electronics, as well as an M.Sc. curriculum in Electrical Engineering.

1. PSUT undertook the necessary preparations to facilitate the ABET accreditation of the electronics and computer engineering programmes.
2. Preparing a proposed curriculum in medical electronics.
3. Preparing a proposed M.Sc. curriculum in electrical engineering.

KASEE Alumni

Upon graduation, almost all engineering students at KASEE get employed in the computer, communications, medical as well as electrical sectors. 10 per cent of the graduates pursue higher education at the master's and PhD levels.



Deanship of Scientific Research

Deanship of Scientific Research

Research Overview

The Deanship of Scientific Research at the Princess Sumaya University for Technology (PSUT) was established in 2004 to promote scientific research at PSUT, particularly in information and communications technologies (ICT). The university allocates 3 per cent of its budget to fund research projects initiated and conducted by faculty members. PSUT also provides financial support to faculty members to publish their work in internationally specialised journals and to attend international conferences.

The Deanship aspires to establish links with international research agencies to attract support and funds to staff members to conduct joint projects with world-class scientists. The various EU programmes are of particular importance to PSUT, as they facilitate cooperation, and allow access to non-European countries to participate in research projects through the formation of consortia to carry out projects under certain thematic areas and instruments. The Deanship is also keen to establish research links with the national Jordanian ICT sector. This may be made possible through the creation of a virtual research network comprised of scientists from PSUT, other Jordanian universities and private sector corporations. The main focus of this virtual network is mobile technologies and its socio-economic impact on society.

Virtual Research Centre

The Deanship of Scientific Research is engaged at present in the establishment of an ICT Virtual Research Centre (VRC) at PSUT. The aim of this centre is to act as a platform for scientists and researchers at PSUT and Jordan at large to communicate over the Internet and exchange ideas, to carry out research and conduct experiments. The project will establish a virtual research network that facilitates the involvement of researchers in various research and development (R&D) activities. This will help improve Jordan's information society through establishing, developing and maintaining research linkages between scientists, support and consolidate research activities, strengthen coordination of research projects and complement them with international programmes. The VRC project is to include a number of activities that will allow research centres and institutions in Jordan to fully participate in a virtual research network that has been made possible with the aid of the existing NBN network. The project will make a definite contribution towards closer and more mutual beneficial relations in the field of R&D between universities and centres.

The project's main objectives are:

- To create a virtual research network that assists scientists to communicate professionally and collaborate better with their colleagues with the aid of an integrated information and communication web-based package that gives the researcher the ability to perform experiments

on a machine which is located in another laboratory through the Internet. This should be taken as a case study to support extension of this model to the various research fields.

- To encourage collaboration between researchers via conductible joint research projects in fields which are strategically vital and hence aid in the development of community research and technology. The developed virtual web laboratories network will easily facilitate participation and integration of research centres and newly developed laboratories in various scientific disciplines.
- To establish a national network which provides the use of cost-effective online laboratories by avoiding duplication and, therefore, resulting in fast updating and renewing of both hardware and software. This will eventually lead to the promotion of experimental practices. This should be taken as a case study to support extension of this model to the other universities.
- To train researchers and experts in the design, construction and implementation of online laboratories.
- To help establish an independent and self-sustained research online laboratories network so as to address the specific research needs of the industrial, environmental, health, agricultural, and vocational training and ICT sectors.

Proposals

PSUT has presented the following proposals:

1- A Tempus Joint European Project (JEP) entitled "ICT Centre for e-Educations was prepared and submitted with the following consortium partners:

- Royal Institute of Technology, KTH, Sweden, Grant Holder;
- Princess Sumaya University for Technology, Jordan, Coordinator;
- Uppsala University, Sweden;
- Carinthia University of Applied Sciences, Austria;
- Sannio University, Italy;
- Ministry of Higher Education and Scientific Research, Jordan;
- Rubicon, Jordan.

- 2- A proposal entitled “Blended Learning for High School Math Classes was submitted to USAID jointly with MIT.
- 3- A proposal entitled “Transnational Virtual ICT Research Network” was submitted jointly with Ecole Nationale des Sciences Informatiques, Tunisia, to the Higher Council for Science and Technology.
- 4- A proposal entitled “Development of Web-Based Distributed Online Lab Network in the Educational System in Jordan” was submitted jointly with the University of Genoa, Italy, and the Jordanian Ministry of Higher Education and Scientific Research to the Jordanian Ministry of Planning and International Cooperation.
- 5- A proposal entitled “Entrepreneurship and Online Engineering on Service of Science” was submitted to IBM Faculty Award.
- 6- A proposal was submitted to the Australian Endeavour Executive Awards.
- 7- A proposal entitled “Virtual Reality for Jordan” was submitted to the Greater Amman Municipality.
- 8- A Tempus Individual Mobility Grant awarded to visit KTH and Uppsala universities in Sweden, to prepare a Joint European Project. A PSUT faculty member paid the visit on May 15-24, 2006.
- 9- A proposal for a Tempus Joint European Project (JEP) entitled “Development of an Educational Web-Based EU-MEDA Laboratory Network,” EuroMedWebLab, will be submitted jointly with:
 - Genoa University, Italy,
 - Carinthia University for Applied Sciences, Austria,
 - University of Porto, Portugal,
 - University of Bordeaux 1, France,
 - KTH, Sweden,
 - Norwegian University of Science and Technology, Norway,
 - Blekinge Institute of Technology, Sweden,
 - Swiss Federal Institute of Technology in Lausanne, (EPFL), Switzerland,
 - American University of Cairo, Egypt,

- Ain Shams University, Egypt,

- Learning Design, Morocco.

10- PSUT has become an associate partner in the European Master Programmeme in Remote Engineering, MARE, <http://mare-project-org.server13031.isdg.de/>.

11- A master programmeme proposal in "Integrated Water Management in the Middle East and Northern Africas was submitted jointly with the Technical University of Darmstadt, Germany, to DAAD.

Committees, Conferences and Associations

1- PSUT acquired the following positions of:

a. Vice president of the International Association of Online Engineering, <http://www.online-engineering.org/>.

b. Co-editor for Middle East and Africa of the International Journal of Emerging Technologies in Learning, <http://www.online-journals.org>.

2- PSUT acquired membership in the following:

a. The editorial board for the International Journal for Online Engineering www.i-joe.org.

b. The International Programmeme Committee of the "Interactive Computer-aided Learnings Conference, ICL2005 and ICL2006, Carinthia University of Applied Sciences, Austria, www.icl-conference.org.

c. The International Programmeme Committee of the First International Conference on Interactive Computer-aided Blended Learning, May 7-9, 2007, Florianopolis, Brazil, <http://www.icbl-conference.org/>.

d. The International Programmeme Committee of the Remote Engineering and Virtual Instrumentation Conference, REV2006, Maribor, Slovenia, www.online-lab.net/rev/.

e. The International Programmeme Committee of the First Wireless Euro-Mediterranean International Conference, WEMIC 2006, JUST, Jordan, www.just.edu.jo/%7Ewireless/WEMIC/index.htm.

f. The International Programmeme Committee of the International Conference on e-Learning, ICEL2006, University of Quebec in Montreal, Canada, www.academic-conferences.org/icel/icel2006/icel06-home.htm.

- g. The International Programmeme Committee of the IEEE International Workshop on Multimedia Technologies for E-Learning, December 11-13, 2006, San Diego, California, USA <http://ism2006.eecs.uci.edu/>.
- h. The International Programmeme Committee of the "Future networked interactive media systems and services for the new-senior communities: Ubicomp 2006" Workshop, September 17-21, 2006, USA, <http://www.sintef.no/content/page1/9425.aspx>.
- i. The Third International Conference on Web Information Systems and Technologies, WEBIST 2007, March 3-6, 2007, Barcelona, Spain.
- j. The International Advisory Committee of the International Joint Conferences on Computer, Information, and Systems Sciences, and Engineering, (CIS2E 06) December 4-14, 2006, University of Bridgeport, USA.
- k. The International Association for Mobile Learning, Banff, Canada in October 25, 2006.

International MoUs

The PSUT president signed a memorandum of understanding with Carinthia University of Applied Sciences (CUAS), Villach, Austria, on June 29, 2006. A PSUT engineer will be spending six months of training in CUAS on the design and construction of "Remote Laboratories."

International Conferences

PSUT participated in the following international conferences:

- 1- The Ninth International Conference on "Interactive Computer-aided Learning," ICL2006, September 27-29, 2006, Villach, Austria.
- 2- International Conference on "Remote Engineering and Virtual Instrumentation", REV2006, June 29-30, 2006, in Maribor, Slovenia.
- 3- International conference on "Mass Media Economics and e-Learning," June 15-18, 2006, Cairo, Egypt.

IMCL Conference

The First International Conference on Interactive Mobile and Computer-aided Learning, IMCL2006, took place on April 19-21, 2006 at PSUT. The conference attracted 100 scientists from over 40 countries who presented state-of-the-art research in the fields of m-Learning and e-Learning, and virtual engineering. The conference served as an incubator to promote m-Learning and e-Learning in the Middle East and acted as a forum for international corporations to present the latest technology and products in the field, particularly the newest state-of-the-art on portable devices and their role in university education and potential benefits for learning purposes. Examples of the implementation by laptops, palmtops, mobile phones, PDA, smartphones, WAPs, GPS and a navigational system, WWW-access via Bluetooth, WLAN or GPRS were presented, accompanied by experimentations to demonstrate their coherence and feasibility.

The IMCL2006 conference was organised in cooperation with Carinthia University of Applied Sciences, Austria, and the Royal Institute of Technology, KTH, Sweden, in collaboration with a number of Jordanian and international corporations, institutions and sponsors. The conference received generous sponsorship from Umniah, Jordan Trading Bank, Microsoft Jordan, Greater Amman Municipality, ARAMEX, Royal Jordanian Airlines, Rubicon, MEC and National Instruments. The IMCL2006 conference was also organised in collaboration with the IEEE Education Society, Jordan Telecommunications Regulatory Commission, European Association of Distance Teaching Universities, Mediterranean Virtual University, International Journal of Emerging Technologies in Learning, International Journal for Online Engineering, International Association of Online Engineering, International Journal of Computing and Information Sciences (IJCIS), K.I.S.T. Consult and the Arab Society for Online Education and Training.

The Second International Conference on Interactive Mobile and Computer Aided Learning, IMCL2007, will take place on April 18-20, 2007 at PSUT. The conference has enjoyed positive reactions from the IEEE Education Society, Jordan Telecommunication Group, Motorola, Microsoft, ARAMEX, Jordan Trading Bank, Greater Amman Municipality, ARAMEX, Royal Jordanian Airlines, MEC, IBM, and National Instruments. It will be held in collaboration with several institutions - namely, the Jordan Regulatory Commission, European Association of Distance Teaching Universities, Mediterranean Virtual University, International Journal of Emerging Technologies in Learning, International Journal for Online Engineering, International Association of Online Engineering, International Journal of Computing and Information Sciences (IJCIS), K.I.S.T. Consult and the Arab Society for Online Education and Training, in addition to many of world-class experts who have been invited.

Initial preparations of IMCL2007 included the design of a new website for the conference and circulating the first and second call for papers to a huge e-mailing list. Encouraging responses worldwide have already been received expressing interest to attend the conference, submit papers, organise tutorials and workshops and even exhibitions.

Miscellaneous Activities

PSUT participated in a one-week training programme on the National Instruments LabView engineering simulation tool, October 1-6, 2006. Technology Integrated, Amman, Jordan, generously offered the training programme.

Deanship of Students Affairs

Deanship of Students Affairs

Internal Activities

The Sports Department at the Students Affairs Deanship holds the following internal championships (according to the available capabilities) every semester, and these championships are open for all students: Football, basketball, billiards, chess, table tennis (ping-pong) and badminton.

There is also an open day in which all students are allowed to participate in all of these games.

External activities

PSUT participated in the following championships:

- Red Sea Half Marathon/ Aqaba, December 2004.
- Tennis/ Hashemite University, March 2005.
- Table Tennis/ Hashemite University, March 2005.
- Basketball/ Universities Championship, April 2005.
- Football/ Universities Championship, May 2005.
- Red Sea Half Marathon/ Aqaba, December 2005.
- Billiards / Yarmouk University, March 2006.
- Basketball/ Universities Championship, April 2006.

Other Activities

- Students Trip/ March 2005.
- Students Trip (girls)/ March 2006.
- Blood Donation Campaign/ November 2005.

PSUT held friendly football matches with the following teams:

- Higher Council for Science and Technology
- PSUT alumni

- Applied Science University
- Philadelphia University
- Medical Services/ Equipment Institution
- National Information Centre
- New York Institute of Technology
- German Jordanian University

PSUT held friendly basketball matches with the following teams:

- Several games with Al-Zaytoonah University
- Philadelphia University

PSUT main Teams:

- Football
- Basketball
- Table Tennis (ping-pong)
- Billiards
- Chess

King Abdullah II Fund for Development and Career Counseling Office

Activity Name	Date	Number of Participating Students
First: Lectures and Workshops		
Master's Class Course	28/11/2005	58 students
Success Skills	30/11/2005	40 students
Holding two courses in French and Italian languages (30 hours/course)	31/12/2005	400 students
Working manners and communication skills	2/3/2006	57 students
How to prepare yourself for work	4/5/2006	49 students
Designing and producing magazines	15/5/2006	10 students
Second: Assisting the graduate students in finding suitable job opportunities		
Held the Second Career Day	24/5/2006	Participation of 20 companies which interviewed the graduating students
Placed four students in a Qatari Company	Summer semester	4 students
Placed three students at MobileCom, in cooperation with Mr. Sami Al-Sayed who works there	28/8/2006	3 students
Third: Cultural Activities		
Issuing the 3 rd , 4 th and 5 th issues of "Sawt" magazine	2005/2006	All issues were distributed at all students

Participating in "The Jordanian Universities Students Role in Carrying Amman's Message Assembly"	6/12/2005	9 students
Participating of a number of students in "Kullona Al-Urdon" youth assembly	12-13/9/2006	5 students
Participating in "The First Literary Assembly Competition" for the Jordanian universities students	10/5/2006	Afnan Majd Al-Asfar won the 4 th prize for the short story competition.
Participating in the "First Cultural and Artistic Season Competition" for the Jordanian universities students	Second semester	Mohammad Adnan Shaheen won the second prize for poetry.
Participating in Philadelphia 6 th festival for the Arabian universities theatre	29-4/5/2006	Performing Maeterlinck's Play, "the Blind"
Staging a play at "Haya Cultural Center" upon the request of the Jordanian Astronomical Society	24/8/2006	Performing Maeterlinck's Play, "the Blind"

Students Council Activities

Event	Date
Seminar about the insulting remarks against Prophet Mohammad	2/3/2006
Seminar about political development	7/3/2006
Students Trip (males and females)	10-11/3/2006
Memorialising "Al-Karamah martyrs"	21/3/2006
Celebrating Prophet Mohammad's birthday	10/4/2006
Sport Day and a football show-game (Students Council members vs. professors)	15/4/2006
Meeting for students and professors	15/5/2006
Celebrations marking Independence Day	28/5/2006

PSUT Student Council Election

Students Affairs Deanship organizes an annual student council election in April every year. The 2006 elections were conducted in a transparent and democratic atmosphere, and the turnout was (85%). The council members for school year 2006/2007 are the following:

• Rami Abu Jbara	President
• Ala'a Faouri	Vice president
• To'meh Smairat	Secretary
• Fadia Basheer Al-Issa	Member
• Manar Fareed AL-Taqrouri	Member
• Hothaifa Issa Hilal	Member
• Abdel Fattah Marwan Al-Kayed	Member
• Marwan Hussain Mussa As'ad	Member
• Mu'ath Ali Otoum	Member

Student Trips

- Students Affairs Deanship organizes an annual religious Umrah trip to Saudi Arabia in which 40 students participated in 2006.
- Student trip to Ajloun, March 2005.
- Student trip (for girls) to Dead Sea, March 2006.
- Student trip to Aqaba and Wadi Rum, March 2006.

School Visits

School Name	Number of Students	Activity Type	Date
Al-Ra'ed Al-Arabi School	64	Field trip to the university campus	23/2/2006
Al Ahliyyah School for Girls	35	Presentation about PSUT at the school	9/3/2006
The Baptist School	130	Participating in the University Day	11/3/2006
The Bishop's School	80	Presentation about PSUT at the school	15/3/2006
Al-Zahra' School	35	Field trip to the university campus	16/3/2006
The National Orthodox School	45	Presentation about PSUT at the school	20/3/2006
The Amman Baccalaureate School	65	Presentation about PSUT at the school	27/3/2006
The Amman National School	40	Presentation about PSUT at the school	3/4/2006
The Amman Academy	60	Presentation about PSUT at the school	4/4/2006
The Jubilee School	80	Presentation about PSUT at the school	9/4/2006
Victoria College	50	Presentation about PSUT at the school	10/4/2006
Al-Omareyah School	270	Presentation about PSUT at the school	12/4/2006
The Universal School (Al-Alamiyah)	160	Presentation about PSUT at the school	26/4/2006
Al-Asreyah School	55	Field trip to the university campus	18/5/2006

El Hassan Library and Media Centre

El Hassan Library and Media Centre

History

The library was established in 1970 at the Royal Scientific Society. In 2005, it was relocated and housed at Princess Sumaya University for Technology (PSUT) campus. The library serves researchers, academics and students. It has a large collection of books, journals, periodicals, newspapers, reports, CD collections, as well as online collections.

With a generous gesture from the Ministry of Planning and International Cooperation, the library went through a renovation project that transformed it into a state-of-the-art library. In October 2004, it was renamed “El Hassan Library and Media Centre.”

Mission and Organisation

El Hassan Library and Media Centre supports the instructional, research and various programmes of the PSUT faculty, staff, students and university community. It serves to collect and disseminate information related to teaching and research conducted at PSUT.

The library building currently consists of two floors:

1. The ground floor accommodates the book collection, circulation services, student computer stations and seating areas.
2. The first floor accommodates the periodicals collection, the group reading rooms, the study carrels, copier room and staff offices.

Holdings

Access to book collections was made easier when PSUT, in collaboration with the Information Technology Centre at the Royal Scientific Society, incorporated an online catalogue (Intranet) system that enhanced the searching process by students and faculty members. Moreover, the library use of the renowned Library of Congress Classification Scheme and its list of subject headings eased the search and retrieval of books and other library items.

Book Collection

El Hassan Library holds 68,000 books; 12,000 are located at the main library, in addition to 56,000 located at the RSS branch library.

The collection covers all areas of knowledge, especially those topics related to the university departments and courses: Computer Science, Computer Engineering, Electronics Engineering, Management Information Systems, Computer Graphics and Animation, Communications Engineering and various humanities and sciences.

The book collection can be easily accessed through an online catalogue (Intranet). All new monthly book additions are also displayed on the Intranet website.

The library collection is organised according to the Library of Congress Classification Scheme. This scheme classifies knowledge into the following main categories and notations:

- A General works
- B Philosophy, psychology, religion
- C Auxiliary sciences of history
- D History (general) and history of Europe
- E-F History: America
- G Geography, anthropology, recreation
- H Social science
- J Political science
- K Law
- L Education
- M Music
- N Fine arts
- P Language and literature
- Q Science
- R Medicine
- S Agriculture
- T Technology
- U Military science
- V Marine Science
- Z Bibliography, library science, information resources (general).

Periodicals Collection and Newspapers

The library holds 919 English and Arabic periodicals; 132 current titles are located at the main library (49 Arabic and 83 English) and the rest are available at the branch library.

The library subscribes to seven daily newspapers (six in Arabic and one in English), in addition to six weekly newspapers.

CD Collection

The Library holds over 500 CDs most of which are book-accompanying material.

A list of these CDs is available at the circulation desk.

Online Subscriptions

The library has an annual subscription to the ACM Portal (Association of Computing Machinery), which is accessible by staff and students through a password.

The Legal Encyclopedia (Library use only).

Free Internet resources are available: journals, books, references and databases.

Extended Services

The library provides its services through the following units:

Acquisitions Unit

This unit is responsible for developing the library's collection of printed and non-printed materials through purchase, donation and exchange of publications. It exchanges publications with various universities and academic and scientific institutions, follows up on various purchases needed for the library (equipment and furniture), and assigns an acquisition number to the various library materials. This number is an exact indicator of total library holdings.

Technical Services Unit

This unit carries out all technical processes related to the organisation of library materials (printed and non-printed), by using the International Standards for Bibliographic Description (ISBD) along with the Library of Congress Classification Schemes (LCCS) and the Anglo American Cataloguing Rules for Classification, Cataloguing and Indexing (AACR). Barcodes and book labels are prepared in this unit.

User Services Unit

This unit provides circulation of materials to various types of users, in accordance with the approved library regulations and procedures, using the automated circulation system. It assists the users in retrieving the needed information by using the library online catalogue, shows the new students and other users how to find the needed information, arranges book reserves, answers reference questions and keeps the shelves in order, in addition to following up on the work of the library student-help.

Periodicals Services Unit

This unit obtains the needed periodicals for the teaching staff and students, which are complementary to the books collection and in accordance with the Higher Education Council requirements. It, furthermore, registers the issues (automated and manual), follows up on the missing issues as well as provides both awareness of current periodicals and indexing services for easy retrieval of articles.

Library Services

The library provides the following services:

- Course materials reserve
- Monthly acquisitions list (printed and via email)
- Current awareness (periodicals and books)
- Subject guides (printed and via email)
- Computer stations for Internet search
- Photocopying
- Group study rooms available for students with computer stations

Future Plans

1. The renovation experience has shown very positive results in the level of library visits as well as book check-out ratio. This increased demand on printed and non-printed material, accompanied with the ever-changing diffusion in the fields of the information and communications technologies, have led us to continually update and increase our supply of educational material. As a result, PSUT integrated this vision into the expansion master plan. PSUT aims at establishing an ultra-modern specialised library that would serve not only its student body and faculty, but also the national student body and research.

We aim at staying ahead in the technology super-highway. To do so, PSUT has embarked on a vision to provide the latest technology available. This top priority project will be constructed on a carefully chosen site located on an easily accessible, calm and elevated platform overlooking a beautiful view, with moderately dense vegetation.

The outlook of our future library will encompass a wide array of programmes and services such as:

Installing a fully integrated library system such as: HORIZON or MINISIS. These two programmes are standardised library systems, widely known and used in Jordan. The first is now installed and used at all governmental universities, who are members of the Universities Consortium. Access by new members is made available through signing an agreement and paying annual dues to the consortium for the services rendered by the Centre of Excellence.

Obtaining online subscriptions for:

- Databases (EbscoHost databases)
- Online Societies and Portals
- E-Journals: IEEE/IET Electronic Library (IEL)
- E-books and Online Libraries such as Safari Tech Books Online, Books24X7, Ebrary and Questia.

Launching a library website that would give detailed information about the library and its online catalogue, in addition to various other services that can be provided to the library users through this web access.

The 2,500-square-metre library will be designed according to a concept based on the creative idea of integrating the surrounding environment into the high-tech building. The focal part of the building will be constructed by means of bridges and glazed walkways to other supporting facilities. These parts will be carefully positioned in the appropriately sized areas between trees.



The Queen Rania Centre for Entrepreneurship

The Queen Rania Centre for Entrepreneurship

Established in 1991, the Princess Sumaya University for Technology (PSUT) is a specialised non-profit Jordanian university. Three years ago, PSUT embarked on a vigorous development and expansion plan. An essential part of the plan was to establish an entrepreneurship centre. The idea was to name the centre after a prominent Arab dignitary known for his/her distinguished role in developing entrepreneurship. Thus, work towards launching the Queen Rania Centre for Entrepreneurship (QRCE) started in October 2004. This state-of-the-art centre will be located at the heart of Jordan's scientific, academic and R&D corridor. Furthermore, the centre will extend its services to cover not only Jordan but the region as a whole.

The centre is planned to be the regions' cornerstone for technology commercialisation and entrepreneurship development. The QRCE will target university students, researchers, innovators, entrepreneurs and others. According to PSUT's development plan, the next step will be to establish a business school and link it to the centre.

Working closely with local and international organisations; the QRCE will emphasise issues such as: Capacity building, consulting, counselling and developing the local "Entrepreneurial Personality & Spirit." Furthermore, the QRCE will actively work on extending the intellectual wealth of our nation while maintaining strong links with the business community in general.

Building on Success

The centre came to life in October 2002 when CONNECT Jordan was launched. Its mandate was to link entrepreneurs to financial, technical, and business development resources. Today, the centre is enhancing entrepreneurial awareness and skills amongst students and community through training, incubation, research, technology commercialisation, and hosting supporting programmes. Furthermore, it is designed to help entrepreneurs turn their creative ideas & concepts into viable companies.

PSNEC

The Princess Sumaya National Entrepreneurship Competition (PSNEC) provides a platform to increase the interest of Jordanian university students in designing a path to achieve their dreams. The competition strives to advocate entrepreneurial skills as students coalesce their university knowledge with their resources along with their competitive drive to create a business plan that is both practical and innovative.

The vision of PSNEC is to evolve and expand into a comprehensive entrepreneurship enabler, involved in fostering creativity, incubating viable concepts, and facilitating the success of entrepreneurial ventures to a level that affects the cultural orientation of the Jordanian community.

The PSNEC's objective is to stimulate entrepreneurship among university students and youth by presenting a competition for students to analyse their environment and discover business opportunities to catalyse future development.

The competition combines technical and business skills to establish long-lasting and profitable companies. This year's competition was intended to focus on the Information and Communication Technology (ICT) sector, to assist creative Jordanians to start taking steps towards a brighter future.

DART

In an effort to translate theory into practice, DART was founded in September, 2004. DART is the student's entrepreneurship society at PSUT's campus. The DART name and logo resembles an arrow hitting a target. It is also an acronym for: Dream, Aim, Reach and Target. DART students work hard to bridge the gap between students in the academic world and companies in the business world. They focus on promoting the entrepreneurial spirit amongst PSUT students as a style of life. In the ICT-oriented youth society we live in, the increasing demand for highly competent graduates makes us realise the pressing need to be innovative and aware of the ever evolving labour market.

CONNECT Jordan

CONNECT is an organisation that links entrepreneurs to financial, technical and business development resources they need to create and develop high-growth technology companies in Jordan. Founded in 1985 at the urging of San Diego's business community, UCSD CONNECT is widely regarded as the most successful regional programme in the USA. By organising activities and offering advice, CONNECT supports and improves the opportunities for entrepreneurs and start-ups. The needs of entrepreneurs are always central, and CONNECT's objective is to speed up the start-ups' commercialisation, thus creating additional jobs in Jordan.

Working closely with CONNECT Sweden; CONNECT Jordan links entrepreneurs and resources through what is called springboards; springboards are intended to support the development of growth companies. An expert panel helps entrepreneurs solve problems and identify opportunities, and gives practical advice on what action entrepreneurs should take to exploit these opportunities. Springboards are intended primarily to serve newly started companies, but can also help more mature companies to make progress.

Springboards make up the core CONNECT activity. Other important activities include financial forums, partnership forums and instructional publications.

Technology Commercialisation Programme

The Technology Commercialisation Programme is a national programme initiated by PSUT, the Royal Scientific Society, the Higher Council for Science and Technology, and several key organisations and companies from the private and public sectors. It aims at increasing the awareness of researchers and innovators about the economic value of their intellectual assets.

Creating national intellectual wealth requires protection and continuous support. Building on this vision, the programme incorporated the idea of enabling intellectuals and researchers to protect their intellectual output to facilitate the creation of high-return investments.

The programme is supervised by a group of specialists from Jordan and the region representing both the private and public sectors. Currently, we are working on creating the Innovation and Intellectual Property Forum of Jordan (I2FJ) that will bring together institutions concerned with fostering innovation and commercializing technology.

A Look at the Future

Ever since its establishment, the centre has played a vital role in fostering the entrepreneurial spirit amongst students in particular and the Jordanian community in general. With the increasing demand and the current limitations of space, the need to expand has never been greater. The outlook PSUT embraced revolved around placing the centre as the major hub for entrepreneurial activities in the field of technology in Jordan and in the region. The future centre will be "eco-friendly." Careful consideration will be placed on choosing construction materials that are "green" and environment friendly. We will also work on preserving the trees in the construction area.

The new centre will be composed of several administrative. The important yet challenging areas of service include: Business incubation, training, consulting, and event management. The incubation area will host and service start-up businesses. However, they'll need to fall within the fields of Biomedical Engineering, Bioinformatics and Environmental Technologies. Consultancy will be offered to countries who wish to start their own business plan competitions. As for training, we will work on developing soft skills, financial, marketing, business ethics, human resources, and intellectual property among trainees. The counselling division will host the PSNEC mentorship network as well as CONNECT Jordan's springboards. Lastly, the centre will host several events associated with its current components: CONNECT Jordan, TCP Jordan, and PSNEC's University campaigns.



The University Development Office

The University Development Office

Our Vision and Mission

Established in 2006, the University Development Office's (UDO) main aim is to assure the continual development of the University through administering and managing fundraising initiatives.

Through aggressive fundraising, UDO helps build and maintain strong ties with prospective donors, fostering the supportive relation of the University with external constituencies.

The funds are used for enforcing PSUT's leading position in the field of ICT in Jordan by supporting its academic programmes, student scholarships, professorship, research, renovation projects and new facilities.

The Development Office will be driving force towards advancing PSUT through efficient initiatives that focus on fostering the supportive relations with external constituencies.

Tax Deduction

In a generous gesture, the Jordanian Council of Ministers ratified a decision in May 2006 that allows contributions made to PSUT to be income tax deductible. These donations will not only ensure that academic standards are met, but also pledge to improve them. By giving, donors will join an elite group of people who invest in the future of our generations to come.

Campus Expansion

Rapidly and continuously, PSUT has grown up by more than seven times its original size, while its student count has increased to approximately six times the original figure. As PSUT is steadily expanding its student count, and a parallel expansion is required to upgrade its campus and facilities.

Under the leadership of Her Royal Highness Princess Sumaya Bint El Hassan, Chairman of the Board of Trustees, PSUT embarked on a vigorous development and expansion plan since 2003.

The Way Forward

PSUT has prepared a plan for the cost-effective development of the university's campus to meet our future needs. PSUT's top priority is to provide superb IT and engineering teaching and technical facilities, to retain and acquire more exceptional students, and to ensure the proper development of our research capabilities to support the teaching of Information and Communication Technology.

Despite the high cost of higher education, PSUT has been able to recruit excellent staff members, acquire the finest possible equipment and provide the best possible surroundings for ICT education.

Student Funding

To foster the spirit of giving and social responsibility, students have the opportunity to give back to the University community through:

- Donating to the Needy Students' Fund
- Contributions are entered into a pool of funds obtained for helping students who are financially challenged.
- Donating to the Excelling Students' Fund
- Contributions will be entered in a pool of funds obtained for retaining students who entail high academic achievement.
- Sponsoring specific students

Students can choose to sponsor specific students based on their area of study, nationality, physical disability, extracurricular qualities and activities, and more.

Faculty Development Funding

Enriching and advancing faculty members' skills are fundamentally important to the continued excellence of the university. The Faculty Development Fund covers faculty's expenses in the following areas:

- Research projects that cover innovative ideas in the Information, Communications, and Technology fields.
- Attendance of seminars and workshops — locally and globally — that improve the faculty members' technical knowledge and soft skills.
- Fees associated with enrolling in professional associations that reduce the gap between faculty members and the advancement in the global arena.
- Assistance of faculty members in programmes that link them to the industrial world in terms of consultancy and mentorship.
- Any other related programmes.

Research

At an age of technological advances and rapid diffusion of information, the way for our students and faculty to stay well-versed and further lead the ride is by acquiring advanced education and indulge in exceptional research initiatives. Based on this goal, PSUT has embarked on developing a state-of-the-art research centre that will be aligned with the future Graduate School.

Campus Renovation/Remodeling and Expansion

The university believes that it needs to continuously improve its facilities to accommodate the increased demand and diffusion of technology. To do so, the school aims at improving its student housing, staff housing, signage system, gates, surrounding wall, parking areas and ring road, and the external furniture.

PSUT has developed a master plan for its expansion. The plan includes the addition of the Students' Village, new El Hassan Library, the Queen Rania Centre for Entrepreneurship, the Graduate School and Research Centre, the Business School, the extension to King Hussein School of Information Technology and Computer Science building, and the new Examination Hall and Conference Centre.

Leave a mark, build a future...

In an age of declining community support and increasing expenditures, private philanthropy is more fundamental and important than it has ever been. Without it, it will be very difficult to maintain the excellent and distinguished quality of education at PSUT. Donations can be utilised towards a wide variety of purposes that touch every part of the university and that are central to supporting PSUT's mission.

Higher education today represents the main mechanism through which individuals seek to acquire learning, innovation, and experience. For that purpose, all PSUT supporters share one key reward for their contributions: The personal satisfaction from making an investment in human potential.

The University Development Office can help prospective donor spot contribution opportunities that are tax deductible and most closely match their interests. For more information, please call us at: + (962) 6-515-4892.

Our heroes!

Our goal, here at PSUT, is to raise the public support level. The main sectors involved in the journey of philanthropy are students, parents, alumni, friends, local and foreign independent foundations,

corporation foundations, community foundations, and governments.

Donor Recognition

A special recognition club has been established to honor donors who made kind contributions to PSUT. The membership of the club is free and open to all our donors. The club will feature distinguished donors in the UDO's newsletter as well as other publications. Moreover, it will arrange networking events for club members. Donors will receive recognition awards from PSUT. They will

PSUT Future Plan

PSUT Future Plan

