Introduction

- Information Technology Institute is considered a pioneer in the field of IT training.
- ITI has supplied the local, regional and international markets with more than 2500 highly-trained professionals in various IT domains.
- Those graduates make-up the backbone of the IT workforce in Egypt.

MISSION

Inspiring the Development of IT Industry in Egypt, Reaching Out to the Regional and International Markets

Objectives

- Leading the Development of IT Training Industry in Egypt.
- Producing Top Quality Trained IT Professionals.
- Enriching Training Programs by Establishing Academic Links.
- Pursuing State-Of-The-Art Technologies and Disciplines.

ITI Programs

ITI mainly contains of three main programs

- Professional Training
  - Provides professional training in state-of-the-art technologies to fresh-graduates.
- Specialized Tracks
  - Spreads different training with various levels of course starting from basic courses to advanced one.
- Research & Development
  - Performs in-house development of software products.

Objectives

- Partial Contributions in IT Projects of National Nature.
- Keeping Up IT Culture Building in Governmental Organizations.
- Providing Technical Support and Quality Control for IT Training in Egypt’s Governorates.

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The 9-Months Diploma is now 12 years old (24 Intakes), and has gained wide regional and international recognition.

The Program still maintaining an exclusive quality in the field of information technology.

Objective

Produce World-Class Software Developers
Covering All IT Disciplines
Program Design

2. Program Design (cont.)

a) The Foundation Module – Fundamentals
   - Introduces several courses concerning main concepts of fundamental computer skills.

b) The Focus Module – Specialization
   - Every platform is mainly composed of theoretical courses in addition to some practical courses.

c) The Performance Module – Graduation Project
   - The trainees develop a real case project with a prospective client. In many cases, these projects were made use of their potential customers - government or private sector.

GIS Platform

- Since 1993, GIS platform had supplied the local, regional, and the international market with nearly 200 top quality GIS specialists.
- The GIS Focus module introduces GIS theories and practical tools in addition to several supporting courses.
- The GIS curriculum is being updated periodically to meet the changing demands of the GIS market in addition to couple with the international universities.

GIS Candidates

- Candidates are of Engineering backgrounds preferably from Civil, Urban Planning and Architecture.

The GIS Performance Module

After studying the GIS courses, the trainees develop a real case project (e.g. Giza Atlas System, for the Giza Governorate).

GIS Projects Classification

The classification of GIS graduation projects in ITI

Online GIS Courses

- ITI has published several programs, one of these was the GIS, that consists of 4 main tracks:
  - GIS Fundamentals
  - Spatial Data Acquisition
  - GIS Analysis & Design
  - GIS Applications.
Online GIS Courses

GIS Graduates and Market Needs
ITI makes the main skeleton of the GIS professional market in Egypt.

GIS Graduates and Market Needs
The biggest GIS Companies/organizations in Egypt, ITI graduates represent between 70% and 40% of their staff.

Academic Links with Foreign Universities
ITI offers the following two Master degrees in GIS:
- University of Nottingham - UK
  ITI graduates to continue their study for three months in the university to write-up the dissertation.
- University of Calgary - Canada
  MGIS program allow GIS graduates to enroll into the M.Sc. program and obtain a master degree after studying for one academic year in Canada.

ITI Contribution to the National & Regional IT Industry
1. ITI Graduates
2. Projects
3. International & Regional Conferences

ITI has given the local and international Markets nearly 2465 highly-trained professionals in different computer fields.
2. Projects

ITI has contributed significantly in developing different applications & websites, such as:
- The Giza Investment Atlas
- Powering A Cleaner World

3. Conferences

ITI had organized several regional & International conferences in several IT fields namely:
- ITI 5th Arab Conference on Geographic Information Systems.
- ITI 2nd International Conference on Information & Communication Technology
- ITI 2nd International Conference on Digital Media

Recommendations & Future Work

- Produce multiplier of current products but without any compromise on quality to accommodate the continuous demand of the market.
- Establishing post-grad research and degrees in GIS in collaboration with local Universities.
- Initiating co-operation in the field of GIS professional training to exchange experiences between different countries.

Thank You for your Attention