

# Shaimaa Badr El-Dean – Curriculum Vitae

## Personal Details

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Faculty: Faculty of Computers and Information

Membership institution: National telecommunication Institute  
**Assistant Lecturer, Computers and System Department**  
**System Administrator & security**

### 1) Education:

- M.S. in Information Technology, Cairo University, Jan 2013,  
Title: Improving QoS of Real Time E-learning Systems  
Thesis supervisor: M. Prof. Gamal Darwish, Ass. Prof. Fatma Bayoumi
- B.S. in Information Technology , Cairo University in 2003.

### 2) ProfessionalActivities:

#### - Current Situation:

September 2004 till now working as system administrator & security in Computers and systems department in National telecommunication institute (NTI).

- o Network and security administrator.
- o Administrate and troubleshooting OPNET server. (Application performance management; network planning, engineering, operations; and network R&D.)
- o Administrator of archiving system project. ( Adding system structure; Backup; and technical support)
- o Deployment of needed resources and technology solutions (hardware & software) based on the business needs.
- o Administrate NTI E-mail server.
- o Participating with Korean team work to install NTI e-Learning center in both hardware and software issues.
- o Educational Designer for courses implemented by NTI e-Learning center.

### 3) Teaching activities:

- CCNA
- OPNET
- Ethical Hacking
- Linux

### 4) Researchactivities:

Cloud Computing, IOT, Wireless network, QoS, the multicast services and handover operations in wireless networks.

### 5) Scientific production:

- Shaimaa Badr, Fatma Bayoumi, Gamal Darwish, “QoS Adaptation in Real Time Systems Based on CBWFQ”, **28th NATIONAL RADIO SCIENCE CONFERENCE (NRSC 2011)**, April 26-28, 2011, National Telecommunication Institute, Egypt
- Shaimaa Badr, Fatma Bayoumi, Gamal Darwish, “Simulation-based Performance evaluation of Queuing for E-learning real time”, **International Conference on Education & E-Learning Innovations ICEELI' 2012**, July 1-3 Sousse, Tunisia