

Hassan Shaban Hassan Hussein
El-Minia, Egypt.
Mobile: +2 01096342121
hassanshaban@mu.edu.eg

Education Background: -

- **Ph.D.** in computer science Faculty of Computers and Informatics, Suez Canal University, Egypt.
- **M.Sc.** in Computer Science, Faculty of Science, Minia University, Egypt.
- **B. Sc.** Math & Computer Science – Minia University, Egypt.

Job

Lecturer: Faculty of Computers and Information, Minia University, Egypt.

Under graduate Teaching Courses:

1. Computer Networks
2. Data communication
3. Broadband Network & Communication
4. Information & Network Security
5. Network Operations & Administration
6. network-based multimedia
7. Distributed System
8. E-commerce
9. Introduction to C++
10. Programming for www (PHP)
11. Introduction to computer science

Postgraduate

12. Machine learning
13. Advanced topics in network security (IOT security)

Other teaching Courses:

14. CCNA
15. CCNA Security
16. MCSE

Certificates

- **CCNP** CSCO11066362
- Cisco Certified Network Associate (**CCNA**) CSCO11066362
- Microsoft Certified Technology Specialist **MCTS** (ISA2006)
- Cisco academy **Instructor approved** 2006
- **HP** Get-IT **Instructor** approved 2009
- **TOFEL ITP** (score 460)
- **ICDL**

Experiences:

2019	Manager of ITC Unit
2016-2018	Lecturer, Sinai University (part time)

2013 - Now
2009 – Now
2002 - 2009

Lecturer, Faculty of Computers & Information, Minia University
System & Network Administrator - Minia University, Egypt.
Network Eng., Minia University, Egypt

Responsibilities:-

- Network Infrastructure design and implementation. Our campus infrastructure contains Fiber cables(SM, MM) with different GBIC interfaces, segmented around 30 VLANs for the User Zones. In addition to application zone (web, mail, database) and management zone through Fortigate hardware firewall.
- Install and configure Network devices (Cisco routers - Juniper routers)
- Install & configure Fortigate IPS, Antivirus and web filter (UTM)
- Install & configure security devices ISS (GX-4004 IBM)
- Install & configure IPOQUE (Bandwidth Management)
- Install & configure Symantec Web Gateway
- Install & configure Network Access Controller (NAC - JUNIPER)
- Install and configure Cisco Pix firewall.
- Install and configure multilayer switches and bridges (Cisco 4507R, Foundary - 3com, HP, linksys)
- Install and configure cisco IPS
- Install and configure DNS under windows and Sun Solaris OS
- Install and configure Mail Server under Red hat en4 Linux OS using SMTP and IMAP, Install and configure web server using IIS and Apache
- Install and configure Active Directory, DNS, DHCP
- Install and configure ISA server
- Install ESXI Hypervisor

- Preparation of bid documents and specifications with network devices
- Participate in committees and commissions to decide testing combinations of various network devices and servers

RESEARCH

1. "A NEW ROUTE OPTIMIZATION TECHNIQUE FORMOBILE IP". **IADIS International Conference** IADIS Informatics Netherlands, in 25 - 27 Jul 2008
2. "Performance Evaluation of anew route optimization technique for Mobile IP". International Journal of Network Security & Its Applications (IJNSA), Vol. 1, No.3, October 2009.
3. "Performance Evaluation of some Routing Protocols using TCP Traffic Types in Mobile Ad Hoc Networks". IJCSI International Journal of Computer Science Issues, Vol. 11, Issue 4, No 1, July 2014. ISSN (Print): 1694-0814 | ISSN (Online): 1694-0784
4. "The Effect of Mobility Models and Traffic Patterns on the Performance of Routing Protocols in MANETs". *International Journal of Computer Applications (0975 – 8887) Volume 101– No.9, September 2014.*
5. "Impact of Mobility Model on the Performance of MANETs Routing". NNGT Int. J. on Networking and Communication, Vol. 1, July 2014
6. "PERFORMANCE ANALYSIS OF QUEUE CONGESTION STATUS ROUTING PROTOCOL (QCS-AODV) FOR AD HOC NETWORKS".

Projects:

- Participate in development projects of the Supreme Council of Egyptian Universities:
 - The University Network Infrastructure development project which is a one of the Information and Communication Technology Project (ICTP)
 - Faculty of Education Enhancement Project (FOEP)
 - Minia Integrated Dento Medical Automated Records System (MIDMARS)
 - The 2nd stage of the University Network Infrastructure development project
 - Quality assurance and Accreditation Project at faculty of Engineering

Personal information

Date of Birth : 18 Mar 1976.
Marital : Married
Military Services : Completed.
Address : 7 El-Aabsia ST., from Ahmed Maher ST., El-Minia, Minia,
Egypt.