

CURRICULUM VITAE

Name : Hosny Mohamed Ibrahim Hussein

Title : Professor

Position : Head IT Department in Chief
Former Dean , Faculty of computers
and Information , Assiut Univ.
(9/2002 to 8/2011)



Gender : Male

Date of Birth : 18 / 8 / 1951

Home Country : Egypt

Nationality : Egyptian

Specialization : Communication and Computers

Specific : Computer Networks , network security, Digital signal
Processing , Communication Systems

Mailing

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Education :

- 1982** **PH.D in Electrical Engineering**
Iowa State University , Ames , Iowa U.S.A
- 1977** **M.SC in Electrical Engineering**
Assiut University , Assiut ; Egypt
- 1973** **B.SC in Electrical Engineering (communication section)**
GPA Excellent (with First Class Honor)
- Misc** **Professional Engineer ; Registered professional Engineer in the**
state of Iowa U.S.A PE 9899 .
Member of the Honor Society of Phi Kappa Phi , ISU

Research Interests:

Main : **Computer Networks , network security, Digital signal**
Processing , Communication Systems , IOT.

PROFESSIONAL ORGNIZATION MEMBERSHIP :

- 1 – Senior member of the Institute of Electrical and Electronic**
Engineers (IEEE) in U.S.A from 1980 .
- 2 – Member of the Engineering Syndicate of Egypt since 1973 .**
- 3 – Registered Professional Engineer in the State of Iowa U.S.A since 1982.**

CONSULTANT EXPERIENCE and MEMBERSHIP

1.	Eitesal (NGO of 400 IT companies) Board member
2.	Chief Information officer , CIO Assiut University since 2010 till present
3.	Member of the Information Technology Academic Collaboration initiative (ITAC) , itida , MCIT steering committee since 2006.
4.	Consultant of Assiut Governorate for information and computer training center since 1993 till 2012.
5.	Consultant of Information and Decision Support Center (IDSC)

	Assiut from 1993 - 1998
6.	Member of the computer consultancy center of the Faculty of Computers and Information at Assiut University .
7.	Supervisor of the microfilm documentation and databases unit, Assiut University.
8.	Consultant of Assiut Chamber of Commerce from 1993–1997.

Other Activities :

- 1- Owner of a consultancy company , “ xWare for Integrated Solution “ , in the Field of IT services, Networks consultation, SW developing Established in 2001 to introduce IT and internet Services to the private sector in the area of Upper Egypt**
- 2 - Design and implementation of information and database System for Assiut Chamber of Commerce 1994.**
- 3 - Design and implementation of information and database System for the Aluminum Company of Egypt in 1998 in Nag Hammadi.**
- 4 – Design and supervision of Assiut Governorate Computer Local Area Network (LAN) 2001.**

PROFESSIONAL AND TEACHING EXPERIENCE

2002- present	Professor FCI, IT department Head in chief, Teaching programming, computer networks, data Communication, Network Management.
1993 – 2002	Professor ; Communication Electrical Engineering Dept. Assiut University , Assiut ; Egypt .
1986 – 1993	Associate Professor ; Electrical Engineering Dept. Assiut University , Assiut ; Egypt .
1982 - 1986	Associate Professor ; Electrical Engineering Dept. Assiut University , Assiut ; Egypt .

- 1981 – 1982 Teaching Assistantship , Iowa state University
Ames , Iowa ; U.S.A.**
- 1978 – 1981 Graduate scholarship , Iowa State University
Ames , Iowa ; U.S.A.**
- 1977 – 1978 Assistant Lecturer ; Electrical engineering Dept.
Assiut University , Assiut; Egypt .**
- 1973 - 1977 Instructor ;Electrical Engineering Dept.
Assiut University , Assiut ; Egypt .**

Since 1973 , I have been teaching the following courses

1 – Web design	2 - Computer Architecture
3 – Computer networks .	4 – Computer programming .
5 – Communication Systems	6 – Mobile and wireless computing
7– Object Oriented Programming	8 – Image Processing
9– Random Processes .	10-Digital Signal Processing

And I have been teaching the following computer training courses since 1986

- 1 – Windows 95, Windows 98, Windows NT Windows 2000 server**
- 2 – Introduction and Advanced Visual Foxpro 5**
- 3 – Introduction and Advanced Access 7**
- 4 – Introduction and Advanced EXCELL 7**
- 5 – Visual BASIC**
- 6 – FORTRAN**
- 7 – PASCAL**
- 8 – C-Language ,C++ , Java**
- 9– Information Systems**
- 10 – Internet**

Projects, Thesis Supervision :

Major Supervisor of the following theses and dissertations :

1.	Ph.D Dissertation “Adaptive Signal Processing Utilizing Higher Order Statistics “ by Reda R. Gharieb. EE Dept. Assiut University 1996
2.	IS.C Thesis “ A conjugate Gradienty Algorithm for Adaptive Antenna Arrays “ , by Nour El-Din M. Ibrahim , EE Dept. Assiut University 1987.
3.	IS.C Thesis “ Adaptive Antenna Anti-Jamming Using Signal Separation Technique” by Mohammed E. Ahmed , EE Dept. Assiut University 2001.
4.	IS.C Thesis “ Image Enhancement with Edge Preservation Utilizing Higher Order Statistics “. Abu El-Nasser H. Ibrahim EE Dept. Assiut University 2001.
5.	MS.C Thesis “Developing a data base Management System for Biological Data FCI Assiut Univ By Hadia M. Rafaat ,2010
6.	
7.	MS.C Thesis “ Worm Detection Using Honey pots in Windows Environments” FCI Assiut University by Mansour Aly Hammoud 2010
8.	MS.C Thesis “ Optimization of Mobile Ad-Hoc Routing Protocols “ FCI Assiut University Ahmed abd El Moneim 2012
9.	MS.C Thesis Robust Routing Technique For wireless sensor network using genetic algorithm FCI Assiut University by Aly Hussien
10.	MS.C Thesis “Mining Positive and Negative Relational databases based on Parameters “ FCI Assiut University by Noha Alaa 2015
11.	MS.C Prediction of Software Defect Severity based on Analysis Software Repositories By Mostafa Mohamed Mohamed 2015
12.	Enhanced Security Technique for Reactive Routing in Mobile Ad- Hoc Networks (MANETS) By Ebram Aziz 2015

13.	MS.C A low - cost virtual realistic actor system By Mahmoud Nasser 2015 By Mahmoud Nasser Afify
14.	MS.C Detecting Social Media users' opinions of Arabic Comments during various time episodes By Naglaa AbdElHady 2017
15.	MS.C “A proposed prototype for Computerized Navigation System for Semi-trained Dogs ‘ By Mostafa Ahmed Hasan 2017
16.	MS.C “An efficient access technique for m2m communication in lte network “ by Mahmoud Abdelsattar under supervision 2017
17.	MS.C “An efficient distributed system for mobile application “ By Yomna AbdelMoneim under supervision 2017
18.	PHD “ Secured Frame work For INTERNET OF things “ By Aly Hussien 2017

Projects Principal Investigator (PI) and Supervisor :

Main investigator, member and supervisor of the following project development for the following laboratories in the EE dept. and FCI Assiut University:

1-Computer Laboratory for preparatory year students, faculty of engineering in 1992.

2-Basic Electrical Engineering Laboratory for the EE students 1992.

3-Signal Processing laboratory for the Senior level students EE Dept. 1993.

4-Project Manager of “ On Line teaching between the faculties of computers at Assiut and Cairo universities” via video conferencing over the internet, HEEPF funded project 200-2008.

Publication :

I wrote more than 40 scientific papers most of which are published in international transactions and Journals , a List is provided hereafter.

Conferences Attendance

Type of	Date	Place	Conference	SN
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Contribution				
Organizing Committee	16-18 December 2008	Tunis Safax Hammamet	The 9 th International Arab conference on Information Technology ACIT 2008	١
Chairman	April 2008	Assiut University	4 th Workshop on Application of Geographic Information Systems GIS	٢
Organizing Committee	December 2007	Syria El Lazeqia	The 8 th International Arab conference on Information Technology ACIT 2007	٣
Co-Chairman	April 2007	FCI Assiut University	3 rd Workshop on Application of Geographic Information Systems GIS in Cooperation with Dubna Univ Russia	4
Paper presentaion	March 2006	FCI Assiut University	2 nd Workshop on Application of Geographic Information Systems GIS in Cooperation with Dubna Univ Russia	٥
Listening	December 2003	Alex Egypt Arab Academy for MariTime	The 3 th International Arab conference on Information Technology ACIT 2003	6
Paper presentation	May 7-11 , 2001	Salt Lake Univ USA	IEEE International Conference on Acoustic , Speech and Signal processing ICASSP2001 Salt Lake City Utah, May 7-11 , 2001.	7
Paper presentation	March 27-29 2001	El Mansoura Univ	IEEE National URSI symposium ELMansoura University March 27-29 2001	8
Paper presentation	September 1996	Lausanne , Switzerland	IEEE Int. Conf. IMAGE Processing (ICIIP'96), Lausanne,Switzerland, 1996, pp. 789-792.	١9
Paper presentation	Jan 16-19 1996	Cairo, Egypt Jan 16-19 1996	4 th Int. Conf. Artificial , Intelligence Applications, Cairo, Egypt , Jan 16-19, 1996 “	١0
Paper presentation	16-18 August 1993	Wayne State University USA	The 36 th IEEE Midwest Symposium on Circuit and Systems 1993	١1
Paper presentation	23-25 th June 1984	Athens , Greece	the International 84 AMSE Conference . Held in Athens from 23-25 Jun, 1984.	12

Paper presentaion	1987	Univ Of Illinois USA	Symposium on Antenna Applications 1987 Illinois	13
Paper Presentation	July 1981	Albuquerque Texas USA	International URSI Meeting , Albuquerque, Texas , July 1981 USA	14
Paper Presenation	March 1984	MTC Cairo	First National URSI Symposium MTC, Cairo, Egypt, March 1984	15