

This file has been cleaned of potential threats.

To view the reconstructed contents, please SCROLL DOWN to next page.

Ministry of Higher Education
Minister's Office
Information Unit



Dr. Ehab Aziz Khalil Awed

○○○○Curriculum Vitae

Name : Ehab Aziz Khalil Awed

Job's Title : Lecturer

Job's Address: Dept. of Computer Science & Engineering, Faculty of
Electronic Engineering, Menouf – 32952.

Job's Telephone: 048-3660716 (Faculty) 048-2223906 (Univ.'s Network)

Resident's Telephone: 048 - 3667051

Date of Birth: 5th July, 1955, (5/7/1955)

Place of Birth: Sohag – Sohag Government.

Martial Status: Married and have Daughter and Son.

Degrees: 1- Ph.D. in “ Computer Networks and Multimedia ”, 10th June, 1994,
in the Dept. of Computer Science & Engineering, Indian Institute
of Technology, Bombay-76 (IIT-B) , INDIA.

2- M.Sc. in “Systems and Automatic Control ” 11th December, 1983,
in the Dept. of Industrial Electronics Engineering, Faculty of
Electronic Engineering, Menofia University, Menouf – EGYPT.

3- B.Sc. in “Industrial Electronics Engineering ” May, 1978, with
“ Excellent Grade ” in the Dept. of Industrial Electronics
Engineering, Faculty of Electronic Engineering, Menofia
University, Menouf – EGYPT.

Field of Interest : Works on Computer Network (Networking) Control
Mechanisms for Handling Multimedia Traffic (Video, Voice,
Data, TCP Based Applications) TCP Congestion Control, and
on the Performance Assessment of Networked Multimedia
Applications using user perceived Quality Measures.
Currently I'm investigating the design of wireless networks,

including QoS-Based Media Access Control and Network resource Managements, as well as network Architectures and Infrastructures for Support of Mobile Users, all meeting the Requirements of Multimedia Traffic, also investigating the Design of Security System to LAN, MAN, and WANs.

Job's Progress: Demonstrator (from 07/12/1978 -up to- 29/02/1984).
Assistant Lecturer (from 01/03/1984 -up to- 25/12/1987).
Ph.D. Research Scholar (from 26/12/1987 -up to- 22/07/1994).
Lecturer (From 27/12/1994 up to Now).

Job's Activities: 1- With Supreme Council of Universities (SCU):

- In charge of the Enhancement of Infrastructure of the Information and Link Network (ILN), Menofia University, under the ICTP, Higher Education Ministry.
- In charge of the Training on the Information and Communication Technology Project (ICTP), Menofia University, under the ICTP, Higher Education Ministry.
- Organizer of the Video Conference Project, Menofia University, under the ICTP, Higher Education Ministry.
- Member of the Egyptian Universities Network Exclusive Committee, Supreme Council of Universities.
- Member of the 1st Workshop on Special Training for Preparing the Electronic Courses.

2- With Menofia University and its Faculties & Institutes:

- Manager of the Enhancement of Infrastructure of the Information and Link Network (ILN), Menofia University, under the ICTP, Higher Education Ministry.
- Manager of the Training on the Information and Communication Technology Project (ICTP), Menofia University, under the ICTP, Higher Education Ministry.
- Member of the MIS Committee Menofia University, under the ICTP, Higher Education Ministry.
- Organizer of the Video Conference Project, Menofia University, under the ICTP, Higher Education Ministry.
- Manager of the Information and Link Network (ILN), Menofia University, and its branches distributed at Shebin El-Kom City, Menof City, Ashmon City and Sadat City.
- Director of the Information Technology Committee for the 8th Youth Week, which will held at Menofia University on February 2007.
- Member of the Higher Computing Committee Menofia University.
- Teaching and supervision the computer training program, Menofia University.
- Supervision of the using, operation, and maintenance of the Information and Link Network, Menofia University, and its branches at the faculties and Institutes.

- Provides all the help, the Internet services, Electronic Libraries, to all the Faculty Members, Staff, and Students.
- Help and Support the Faculty members to connect to the Internet through the Dial Up Service.
- Put the Technical Specification and the estimation cost of the devices and equipments need for upgrade the ILN (Menofia University) and its branches distributed at El-Menofia Government.
- Shared and sharing the committee for putting the Technical Specification, the estimation cost, investigate, and take the decision of the computers and Computers Labs. require by Menofia University and all its Faculties and Institutes.
- Shared and sharing in teaching and supervision of Computer's Training for the University's Staff (Managers and General Managers)
- Shared and Sharing in teaching the Internet training for the Faculty members and assistant faculty members (Demonstrators and assistant lecturers), Menofia University.
- Shared and Sharing in teaching and supervision of the computer 's training program between the Ministry of Information and Communication Technology and Menofia University.

3- With the Faculty of Electronic Engineering-Menofia University:

- Manager of the Scientific Computing Center since 1994 up to now.
- Member of Faculty's Library Committee in 1995/1996.
- Member of the Faculty's Workshops Production from 1994 up to 2002.
- Editor Secartary of the Faculty's Scientific Journal "Electronic Engineering Bulletin" from 1994 up to 1999.
- Member with the Council Committee of the Dept. Of Computer Science & Engineering, form 1994 up to 2002.
- Supervisor of the Higher Studies and Research Lab. Dept. Of Computer Science & Engineering, since 1994 up to now.
- Supervision of the students activities since 1994 up to now.
- Completed the Supervision for six M.Sc. degree and one Ph.D. degree since 1994 up to 2003.
- Shared and sharing the committee for putting the Technical Specification, the estimation cost, investigate, and take the decision of the special instruments, devices, computers and Computers Labs. that require by Dept. Of Computer Science & Engineering, Faculty of Electronic Engineering.
- Shared the construction, installation and the operation of Novel's Lab., Dept. Of Computer Science & Engineering 1999.
- Shared the construction, installation and the operation of Unix's Lab., Dept. Of Computer Science & Engineering 1999.

- Shared and sharing the preparing the students training course (syllabus) for Faculty's students summer training.
- Provide some idea for developing the rules of the Scientific Computing Center confirmed by Menofia University's President.
- Shared and sharing the development of the under graduate and post graduate courses.
- Shared and sharing the write of the courses specifications and descriptions of the under graduate and post graduate courses (B.Sc, M.Sc, and Ph.D).
- Shared and sharing the selection and recommendation of the books and references use to the under and post graduate students with the dept. Of Computer Science & Engineering.
- Member in the Faculty of Electronic Engineering Council 2011-2012.

4- The Development of the Courses with the Department of Computer Science and Engineering, Faculty of Electronic Engineering:

- Shared and sharing the Committees of the development of the under graduate courses and write the new courses syllabus.
- Shared and sharing the Committees of the development of the post graduate courses and write the new courses syllabus.
- Shared and sharing the write of the courses specifications and descriptions of the under graduate and post graduate courses (B.Sc, M.Sc, and Ph.D).
- Shared and sharing the selection and recommendation of the books and references use to the under and post graduate students with the dept. Of Computer Science & Engineering.

Job's Workshop: Shared and sharing all the workshops, meetings and conferences of the projects belongs to ICTP, Higher Education Ministry-EGYPT.

Conferences: 1- Shared with one or more research papers in the following:

- *Research Volunteers of International Journal of Advances Engineering & Technology, INDIA, 2011-2013.*
- *The IEEE International Conference On Information & Technologies From Theory To Applications (ICTTA'06) which will be held at Damascus, Syria , April 24-28, 2006.*
- *The 5th International Enformatika Conference (IEC 2005), Budapest, Hungary, Oct. 26-28, 2005.*
- *The ICIT2004, International Conference on Information Technology 2004, Istanbul, Turkey, 17th-19th December 2004.*
- *The 2004 International Conference on Software, Telecommunications and Computer Networks (SoftCOM2004), to be held in Split, (Croatia), Venice (Italy), October 11-13, 2004.*
- *The 8th World Multiconference on Systemics, Cybernetics and Informatics (SCI 2004) held in Orlando, USA, in July 18-21. 2004.*
- *The 3rd International Conference on Networking (ICN'04) held in Pointe-a-Pitre, Guadeloupe, French Caribbean, in March 1-4, 2004.*

- *The 6th Asia-Pacific Conference on Communications (APCC2000), Seoul, Korea, Nov., 2000.*
- *The 18th International IASTED Conference AI'2000, Ustria, Feb., 2000.*
 - *The 19th IEEE / IPCC-2000, Arizona, USA, Feb.,2000.*
- *The 8th IEEE / ICCCN'99, Boston, MA, USA, Oct. 1999.*
- *The 23rd International Conference for Statistics, Computer Science and its Applications Research, Cairo, EGYPT, May, 1998.*
- *The IASTED International Conference on Parallel and Distributed Computing and Networks, Singapore, August, 1997.*
- *The IASTED International Conference Applied Informatics, Austria Feb. 1996.*
- *The IASTED International Conference on Networks, Orlando, Florida, USA, Jan.1996, and published in the Proc. of IASTED International Conference on Artificial Intelligence, Expert Systems and Neural Networks, Honolulu Hawaii, August, 1996.*
- *The IASTED/ISMM International Conference on Distributed Multimedia Systems and Applications, Stanford, California, USA, August, 1995.*
- *The International Teletraffic Congress (ITC) Sponsored Seminar on Teletraffic Analysis Methods for Current and Future Telecom Networks, Mangalore, INDIA, Nov. 1993.*
 - *The IEEE TENCON'93, Beijing, CHINA, Oct. 1993.*
- *The IEEE International Conference on Networks and International Conference on Information Engineering 1993, (IEEE SICON/ICIE'93), Hyatt Regency, Singapore, July, 1993.*
- *The 3rd International Conference for Yong Computer Scientists 1993, Scientists 1993, (ICYCS'93), Beijing, China, July 1993.*
- *The 8th International Conference on Artificial Intelligence Applications, Vol.I American University in Cairo, EGYPT, Feb.3-5, 2000.*

2- Shared with TPC & Shair Session or others in the following:

- Research Volunteers of International Journal of Advances Engineering & Technology, INDIA, 2011-2013.
- Consulting Editor of the Contemporary Who's Who, American Biographical Institute (ABI) 2002-2003.
- With the TPC and Shair Session of the 11th IEEE/ICCCN'2002, which hold on 14-16/10/2002 Miami – Florida, USA.
- With the TPC and Shair Session No.13 of the 10th IEEE/ICCCN'2001, which hold on 14-17/10/2001, Arizona, USA.
- With the TPC and Shair Session No.29 of the 9th IEEE/ICCCN'2000, which hold on 16-18/10/2000, Las Vegas, Nevada, USA.
- With the TPC of “Computer Systems and Applications” of IASTED, which hold on 30th March up to 2nd April 1998, Arbid, Jourdan.
- Organizer with the URSI'2000, which has been hold on 22 – 24/2/2000, at the Faculty of Electronic Engineering, Menof – EGYPT.
- **Publications: The Following is a list of my publications:**

I- Conference Papers

[37] Ehab A. Khalil, "Annotated Bibliography on the Request For Comments (RFCs)," *will be submit to Journal of IEEE Networking.*

[36] Ehab A. Khalil, "Annotated Bibliography on the TCP Congestion Control," *will be submit to Journal of IEEE Networking.*

[35] Ehab A. Khalil, "A Modified Congestion Control Algorithm for Evaluating High BDP Networks," *Accepted for publication in the 4th IEEE International Conference on Networking and Services (ICNS08), which will be held at Gosier- Guadeloupe, March 16-21, 2008.*

[35] Ehab A. Khalil, "A Modified Congestion Control Algorithm for Evaluating High BDP Networks," *Accepted for publication in the 3rd IEEE International Computer Engineering Conference on Networking and Services (ICENCO07), which will be held at Faculty of Engineering Cairo University, Cairo, , Dec. 23-25, 2007.*

[34] Ehab A. Khalil, "Evaluating and Improving Performance of Swift Start TCP in Long Delay Bandwidth Product Networks," *Accepted for publication in the 2nd IEEE International Conference on Systems and Network Communications (ICSNC'07), which will be held at Cap Esterel, French Riviera, France, August 25-31, 2007*

[33] Ehab A. Khalil, "Simulation and Analysis Studies for the Modified Swift Start TCP in Long Delay Bandwidth Product Networks," *Accepted for publication in the 2nd IEEE International Conference on Systems and Network Communications (ICSNC'07), which will be held at Cap Esterel, French Riviera, France, August 25-31, 2007*

[32] Ehab A. Khalil and Mohamed A. Shola, "The Impact of Exploiting ILP on Memory System Performance," *The 11th IEEE Symposium on Computer and Communications (ISCC'06), which will be held at Pula-Cagliari, Sardinia, Italy, June 26-29, 2006.*

[31] Ehab A. Khalil, "Comparison Performance Evaluation of a Modified TCP Congestion Control Algorithm," *Accepted for publication in the 2nd IEEE International Conference On Information & Technologies From Theory To Applications (ICTTA'06) which will be held at Damascus, Syria , April 24-28, 2006.*

[30] Ehab A. Khalil, and etc. "A Modification to Swifter Start Algorithm for TCP Congestion Control," *Accepted for publication in the 5th International Enformatika Conference (IEC 2005), Budapest, Hungary, Oct. 26-28, 2005.*

[29] Ehab A. Khalil, "Simulation and Analysis Studies to Explore the Parameters that Affect the Performance of the FDDI at Gigabit Speeds," *accepted for publication in the ICIT2004, International Conference on Information Technology 2004, Istanbul, Turkey, 17th-19th December 2004.*

[28] Ehab A. Khalil, "Switch Algorithm For Transporting Video Stream Over Internet," *accepted for publication in the ICIT2004, International Conference on Information Technology 2004, Istanbul, Turkey 17th-19th December 2004.*

[27] Ehab A. Khalil, "Traffic Management Model to Enhance QoS of Multimedia Based a Modification to the Explicit Rate Indication for Congestion Avoidance," *accepted for publication in the ICIT2004, International Conference on Information Technology 2004, 17th-19th December 2004, Istanbul, Turkey.*

[26] Ehab A. Khalil, "Improving QoS for TCP Video and Audio Traffics Using ABR Service," *has been accepted for publication in the 2004 International Conference on*

Software, Telecommunications and Computer Networks (SoftCOM2004), to be held in Split, (Croatia), Venice (Italy), October 11-13, 2004.

[25] Ehab A. Khalil, "**Enhance Quality of Service (QoS) of Multimedia Traffics over ATM-ABR Service,**" *has been accepted for publication in the 2004 International Conference on Software, Telecommunications and Computer Networks (SoftCOM2004), to be held in Split, (Croatia), Venice (Italy), October 11-13, 2004.*

[24] Ehab A. Khalil, "**Modified ERICA+ Switch Algorithm For Management Video and Data Traffics,**" *published in the 8th World Multiconference on Systemics, Cybernetics and Informatics (SCI 2004) held in Orlando, USA, in July 18-21. 2004.*

[23] Ehab A. Khalil, etc." **New Proposal to the ERICA+ Switch Algorithm,** "*Accepted for publication to the 3rd International Conference on Networking (ICN'04) March 1-4, 2004 Pointe-a-Pitre, Guadeloupe, French Caribbean.*

[22] Ehab A. Khalil, etc. "**Achieving QoS for TCP Traffic Over ATM-ABR Services,**" *Accepted for publication to the 3rd International Conference on Networking (ICN'04) March 1-4, 2004 Pointe-a-Pitre, Guadeloupe, French Caribbean.*

[21] Ehab A. Khalil and Gamal M. Ali, "**Evolution of a High Speed Network Carrying Video and Data Traffics With An Excellent Proposal,**" *Accepted for Publication in the 6th Asia-Pacific Conference on Communications (APCC2000), Seoul, Korea, Nov., 2000.*

[20] Ehab A. Khalil and Gamal M. Ali, "**A Proposal Modifications to the FDDI's MAC For Increasing Its Performance,**" *Accepted for Publication in the 6th Asia-Pacific Conference on Communications (APCC2000), Seoul, Korea, Nov., 2000.*

[19] Ehab A. Khalil and Ayman ElSayed, "**Performance Evaluation of Video/Voice/Data Integration Over VP-Based ATM Ring Network,**" *Accepted for Publication in the 6th Asia-Pacific Conference on Communications (APCC2000), Seoul, Korea, Nov., 2000.*

[18] Ehab A. Khalil and Ayman ElSayed, "**Integration of Voice and Data in ATM Ring Network,**" *Accepted for Publication in the 6th Asia-Pacific Conference on Communications (APCC2000), Seoul, Korea, Nov., 2000.*

[17] Ehab A. Khalil and Ayman El-Sayed, "**Control Mechanism For Fairness Among Traffics on ATM Network,**" *Accepted for Publication in the 18th International IASTED Conference AI'2000, Ustria, Feb., 2000.*

[16] Ehab A. Khalil and Ayman El-Sayed, "**Multimedia Traffic Over VP-Based ATM Ring Network,**" *Accepted for Publication in the 19th IEEE/IPCC-2000, Arizona, USA, Feb.,2000.*

[15] Ehab A. Khalil and Gamal M. Ali, "**An Efficient FDDI's MAC For Increasing The Throughput of Asynchronous Traffic and The Capacity of Synchronous Traffic,**" *Accepted for Publication in the 8th, IEEE/ICCCN'99, Boston, MA, USA, Oct. 1999.*

[14] Ehab A. Khalil, et.al., "**Multimedia Applications Using FDDI High Speed Network,**" *Proc. of 23rd International Conference for Statistics, Computer Science and its Applications Research, Cairo, EGYPT, May, 1998.*

[13] Ehab A. Khalil, "**Fair MAC For EHABKIT Dual Multiple Access High Speed Network,**" *Proc. of IASTED International Conference on Parallel and Distributed Computing and Networks, Singapore, August, 1997.*

- [12] Ehab A. Khalil, "**Effect of Scheduler Slot(s) on Response Time Characteristics in EHABKIT High Speed Network**," *Proc. of IASTED International Conference on Parallel and Distributed Computing and Networks, Singapore, August, 1997.*
- [11] Ehab A. Khalil, "**Evaluation of Utilization /Throughput / Idle Time in EHABKIT LAN/WAN**," *Proc. of IASTED International Conference Applied Informatics, Austria Feb. 1996.*
- [10] Ehab A. Khalil, "**Pipelining Consideration in EHABKIT LAN/WAN**," *Proc. of IASTED International Conference on Networks, Orlando, Florida, USA, Jan.1996, and published in the Proc. of IASTED International Conference on Artificial Intelligence, Expert Systems and Neural Networks, Honolulu Hawaii, August, 1996.*
- [9] Ehab A. Khalil, "**EHABKIT LAN/MAN/WAN Architecture and Protocol**," *Proc. of IASTED International Conference on Networks, Orlando, Florida, USA, Jan.1996, and published in the Proc. of IASTED International Conference on Artificial Intelligence, Expert Systems and Neural Networks, Honolulu Hawaii, August, 1996.*
- [8] Ehab A. Khalil, "**Performance Evolution of EHABKIT LAN/WAN Toward Multimedia Environment**," *Proc. of IASTED/ISMM International Conference on Distributed Multimedia Systems and Applications, Stanford, California, USA, August, 1995*
- [7] Ehab A. Khalil, and et. al., "**A New Centralized Switch Node Architecture for Multimedia Environment**," *Proc. of International Teletraffic Congress (ITC) Sponsored Seminar on Teletraffic Analysis Methods for Current and Future Telecom Networks, Mangalore, INDIA, Nov. 1993.*
- [6] Ehab A. Khalil, and et. al., "**Integrated Voice/Data on a Centralized Switch Node Architecture for LAN with Free Round Robin Service Strategy**," *Proc. of IEEE TENCON'93, Beijing, CHINA, Oct. 1993.*
- [5] Ehab A. Khalil, and et. al., "**A Switch Node Architecture for Multimedia Environment**," *Proc. of IEEE TENCON'93, Beijing, CHINA, Oct. 1993.*
- [4] Ehab A. Khalil, and et. al., "**Packetized Voice on a Centralized Switch Node Architecture for LAN**," *Proc. of IEEE TENCON'93, Beijing, CHINA, Oct. 1993.*
- [3] Ehab A. Khalil, and et. al., "**Performance Analysis of Packet Voice Delay on a Centralized Switch Node Architecture for LAN**," *Proc. of IEEE International Conference on Networks and International Conference on Information Engineering 1993, (IEEE SICON/ICIE'93), Hyatt Regency, Singapore, July, 1993.*
- [2] Ehab A. Khalil, and et. al., "**A Simulation Study for Integrated Voice /Data on a Centralized Switch Node Architecture for LAN**," *Proc. of 3rd International Conference for Yong Computer Scientists 1993, Scientists 1993, (ICYCS'93), Beijing, China, July 1993.*
- [1] et.al. and Ehab A. Khalil, "**Utilization of Multi-Intelligent Agents Systems For Problem Solving**," *Proceedings of the 8th International Conference on Artificial Intelligence Applications, Vol.I American University in Cairo, EGYPT, Feb.3-5,2000*

II- Journal Papers:

[24] Ehab A. Khalil, "A Modified Swifter Start Algorithm For Evaluating High Bandwidth Delay Product Networks," *International Journal of Advances in Engineering & Technology (IJAET)*, Vol.5, Issue 1, pp. 313-325, November 2012.

[23] Ehab A. Khalil, "Improving QoS for TCP Video and Audio Traffics Using ABR Service," *International Journal of Applied Research on Information Technology and Computing (IJARITC)*, Vol.3, Issue 2, pp.111-121, May - August, 2012.

[22] Ehab A. Khalil, "Simulation-Based Comparisons of TCP Congestion Control," *International Journal of Advances in Engineering & Technology (IJAET)*, Vol.4, Issue 2, pp. 84-96, September 2012.

[21] Ehab A. Khalil, "Integrated of Voice and Data in ATM Ring Network," *International Journal of Advances in Engineering & Technology (IJAET)*, Vol.3, Issue 2, pp.129-139, March 2012.

[20] Ehab A. Khalil, "Simulation and Analysis Studies To Explore The Parameters That Effect The Performance Of The FDDI At Gigabit Speed," *International Journal of Advances in Engineering & Technology (IJAET)*, Vol.3, Issue 2, pp. 520-527, May 2012.

[19] Ehab A. Khalil, "A New Proposal ERICA+ Switch Algorithm for Traffic Management," *International Journal of Advances in Engineering & Technology (IJAET)*, Vol.3, Issue 1, pp. 29-40, March 2012.

[18] Ehab A. Khalil, "Performance Evolution of High Speed Network Carrying Multimedia," *International Journal of Advances in Engineering & Technology (IJAET)*, Vol.3, Issue 1, pp. 371-380, March 2012.

[17] Ehab A. Khalil, "High Throughput of Asynchronous Traffic and Maximum Capacity of Synchronous Sources with the New FDDI's MAC Protocol," *International Journal of Engineering Science & Emerging Technologies (IJESET)*, Vol.1, Issue 2, pp. 27-36, February 2012.

[16] Ehab A. Khalil, "Evaluation of Integrated Multimedia Traffic Over ATM Network," *International Journal of Engineering Science & Emerging Technologies (IJESET)*, Vol.1, Issue 2, pp. 108-117, February 2012.

[15] Ehab A. Khalil, " Simulation and Analysis Studies for A Modified Algorithm to Improve TCP in Long Delay Bandwidth Product Networks," *International Journal of Advances in Engineering & Technology (IJAET)*, Vol.1, Issue 4, pp.73-85, September 2011.

** Ehab A. Khalil, "Simulation and Analysis Studies for the Modified Swift Start TCP in Long Delay Bandwidth Product Networks," Accepted primary for publication in the *International Journal of International Congress for Global Science and Technology, (ICGST)*, January, 2011.

[14] Ehab A. Khalil, "A Modified Congestion Control Algorithm for Evaluating High BDP Networks," Accepted for publication in the *International Journal of Computer Science and Network Security (IJCSNS)*, Vol.10, No.11, November 2010.

[13] Ehab A. Khalil, "A Proposal Algorithm for TCP Congestion Control," Accepted for publication in the *International Journal of Computer Science and Information Security*, Vol.8, No.8, November 2010 .

[12] Ehab A. Khalil, "Traffic Management Model to Enhance QoS of Multimedia Based a Modification to the Explicit Rate Indication for Congestion Avoidance," *In the International Journal of Information Technology Istanbul, Turkey*, Vol.1 No.1, 2004.

[11] Ehab A. Khalil, "**Switch Algorithm For Transporting Video Stream Over Internet,**" *In the International Journal of Information Technology Istanbul, Turkey, Vol.1 No.1, 2004.*

[10] Ehab A. Khalil, "**Performance Analysis of FDDI Network at Gigabit Speed,**" *in Telecommunication Information Management Journal, USA, July, 2002.*

[9] Ehab A. Khalil, Gamal .M. Ali, "**Evolution of a High Speed Network Carrying Video and Data Traffic,**" *in Telecommunication Information Management Journal, July 2002.*

[8] Ehab A. Khalil and Gamal M. Ali, "**An Efficient FDDI's MAC For Increasing The Throughput of Asynchronous Traffic and The Capacity of Synchronous Traffic,**" *in Telecommunication Information Management Journal, July, 2002.*

[7] Ehab A. Khalil, "**EHABKIT: Towards a Universal Multimedia Transport System,**" *in Telecommunication Information Management Journal, USA, Vol.3, Issue1(#9), April, 2002.*

[6] Ehab A. Khalil, "**Networking Using EHABKIT High Speed Network,**" *in Telecommunication Information Management Journal, USA, Vol.3, Issue1(#9), April, 2002.*

[5] Ehab A. Khalil, Gamal M. Ali, "**A Proposal Modifications to FDDI's MAC For Increasing Its Performance,**" *in Telecommunication Information Management Journal, USA, Vol.3, Issue1(#9), April, 2002.*

[4] Ehab A. Khalil and Ayman M. El-Sayed, "**Integration of Voice & Data in ATM Ring Network,**" *in Telecommunication Information Management Journal, USA, Vol.3, Issue1(#9), April, 2002.*

[3] Ehab A. Khalil and Ayman M. El-Sayed, "**Performance Evaluation of Video/Voice/Data Over VP-Based ATM Ring Network,**" *in Telecommunication Information Management Journal, USA, Vol.3, Issue1(#9), April, 2002.*

[2] Ehab A. Khalil, and et. al., "**A Worst Case Analysis of Packet Voice Delay in a Centralized Switch Node Architecture for LAN,**" *Journal of Information Science and Technology, India, Vol.3, No.4, July, 1994.*

[1] Ehab A. Khalil, and et. al., "**Data Traffic in a New Centralized Switch Node Architecture for LAN,**" *Journal of Computer Communication Review (ACM) SIGCOMM, USA, Jan. 1994.*

III- Article Review:

[77] Ehab A. Khalil, "**What is Cloud Computing ? (1) ,**" *An Article Review, will publish in the Information Newsletter, Minufiya University, Vol.82, December, 2012.*

[76] Ehab A. Khalil, "**What is Ultrabook (3) ? ,**" *An Article Review, will publish in the Information Newsletter, Minufiya University, Vol.81, October, 2012.*

[75] Ehab A. Khalil, "**What is Ultrabook (2) ? ,**" *An Article Review, will publish in the Information Newsletter, Minufiya University, Vol.80, August, 2012.*

[74] Ehab A. Khalil, "**What is Ultrabook (1) ? ,**" *An Article Review, will publish in the Information Newsletter, Minufiya University, Vol.79, June, 2012.*

- [73] Ehab A. Khalil, " **What is Twitter ?**," *An Article Review, will publish in the Information Newsletter, Minufiya University, Vol.78, March, 2012.*
- [72] Ehab A. Khalil, " **What is Facebook (3) ?**," *An Article Review, will publish in the Information Newsletter, Minufiya University, Vol.77, December, 2011.*
- [71] Ehab A. Khalil, "**What is Facebook (2) ?**," *An Article Review, publish in the Information Newsletter, Minufiya University, Vol.76, October, 2011*
- [70] Ehab A. Khalil, "**What is Facebook (1) ?**," *An Article Review, publish in the Information Newsletter, Minufiya University, Vol.75, August, 2011*
- [69] Ehab A. Khalil, "**Hidden Internet**," *An Article Review, will publish in the Information Newsletter, Minufiya University, Vol.74, June, 2011*
- [68] Ehab A. Khalil, "**What is IPad (2) ?**," *An Article Review, will publish in the Information Newsletter, Minufiya University, Vol.73, April, 2011*
- [67] Ehab A. Khalil, "**What is IPad (1) ?**," *An Article Review, will publish in the Information Newsletter, Minufiya University, Vol.72, January, 2011*
- [66] Ehab A. Khalil, "**What is Black Berry (2) ?**," *An Article Review, published in the Information Newsletter, Minufiya University, Vol.71, November, 2010.*
- [65] Ehab A. Khalil, "**What is Black Berry (1) ?**," *An Article Review, published in the Information Newsletter, Minufiya University, Vol.70, September, 2010*
- [64] Ehab A. Khalil, "**Electronic & Electrical Waste Risks (3)**," *An Article Review, published in the Information Newsletter, Minufiya University, Vol.69, July, 2010.*
- [63] Ehab A. Khalil, "**Electronic & Electrical Waste Risks (2)**," *An Article Review, will publish in the Information Newsletter, Minufiya University, Vol.68, April, 2010.*
- [62] Ehab A. Khalil, "**Electronic & Electrical Waste Risks (1)**," *An Article Review, will publish in the Information Newsletter, Minufiya University, Vol.67, February, 2010.*
- [61] Ehab A. Khalil, "**What is ICANN ?**," *An Article Review, published in the Information Newsletter, Minufiya University, Vol.66, December, 2009.*
- [60] Ehab A. Khalil, "**Internet Risks**," *An Article Review, published in the Information Newsletter, Minufiya University, Vol.65, October., 2009.*
- [59] Ehab A. Khalil, "**Nanotechnology (6)**," *An Article Review, published in the Information Newsletter, Minufiya University, Vol.64, August, 2009.*
- [58] Ehab A. Khalil, "**Nanotechnology (5)**," *An Article Review, published in the Information Newsletter, Minufiya University, Vol.63, June, 2009.*
- [57] Ehab A. Khalil, "**Nanotechnology (4)**," *An Article Review, published in the Information Newsletter, Minufiya University, Vol.62, April, 2009.*
- [56] Ehab A. Khalil, "**Nanotechnology (3)**," *An Article Review, published in the Information Newsletter, Minufiya University, Vol.61, February, 2009.*
- [55] Ehab A. Khalil, "**Nanotechnology (2)**," *An Article Review, published in the Information Newsletter, Minufiya University, Vol.60, December, 2008.*

- [54] Ehab A. Khalil, "**Nanotechnology (1)**," *An Article Review, published in the Information Newsletter, Minufiya University, Vol.59, October, 2008.*
- [53] Ehab A. Khalil, "**Internet Over Electrical Wires**," *An Article Review, will publish in the Information Newsletter, Minufiya University, Vol.58, August, 2008.*
- [52] Ehab A. Khalil, "**Mobile's Stations Risks**," *An Article Review, published in the Information Newsletter, Minufiya University, Vol.57, June, 2008.*
- [51] Ehab A. Khalil, "**Mobile's Risks**," *An Article Review, published in the Information Newsletter, Minufiya University, Vol.56, April, 2008.*
- [50] Ehab A. Khalil, "**3.75G & 4G Technologies**," *An Article Review, published in the Information Newsletter, Minufiya University, Vol.55, February, 2008.*
- [49] Ehab A. Khalil, "**3.75G & 4G Technologies**," *An Article Review, published in the Information Newsletter, Minufiya University, Vol.54, December, 2007.*
- [48] Ehab A. Khalil, "**3.5G Technology**," *An Article Review, published in the Information Newsletter, Minufiya University, Vol.53, October, 2007.*
- [47] Ehab A. Khalil, "**What is DNA Computer (3) ?**," *An Article Review, published in the Information Newsletter, Minufiya University, Vol.52, August, 2007.*
- [46] Ehab A. Khalil, "**What is DNA Computer (2) ?**," *An Article Review, published in the Information Newsletter, Minufiya University, Vol.51, May 2007.*
- [45] Ehab A.. Khalil, "**Neuronet**," *An Article Review, published in the Information Newsletter, Minufiya University, Vol.50, March 2007.*
- [44] Ehab A. Khalil, "**What is DNA Computer (1) ?**," *An Article Review, published in the Information Newsletter, Minufiya University, Vol.49, January, 2007.*
- [43] Ehab A.. Khalil, "**Neuronet**," *published in the ElMostakble Newspaper, Minufiya University, Vol.47, January, 2007.*
- [42] Ehab A. Khalil, "**Digital Libraries Technologies**," *, An Article Review, will publish in the Information Newsletter, Minufiya University, Vol.48, November 2006.*
- [41] Ehab A. Khalil, "**IPTV (2)**," *An Article Review, published in the Information Newsletter, Minufiya University, Vol.47, September 2006.*
- [40] Ehab A.. Khalil, "**IPTV (1)**," *will publish in the ElMostakble Newspaper, Minufiya University, Vol.46, June, 2006.*
- [39] Ehab A. Khalil, "**What is Tele-immersion (2) ?**," *An Article Review, will publish in the Information Newsletter, Minufiya University, Vol.45, May, 2006.*
- [38] Ehab A. Khalil, "**What is Tele-immersion (1) ?**," *An Article Review, will publish in the Information Newsletter, Minufiya University, Vol.44, March, 2006.*
- [37] Ehab A. Khalil, "**Wibro Technology**," *An Article Review, will publish in the ElMostakble Newspaper, Minufiya University, Vol.15, March, 2006.*
- [36] Ehab A. Khalil, "**What is Virtual Reality (VR) (2) ?**," *An Article Review, published in the Information Newsletter, Minufiya University, Vol.43, January 2006.*

- [35] Ehab A. Khalil, "**What is Virtual Reality (VR) (1) ?**," *An Article Review, published in the Information Newsletter, Minufiya University, Vol.42, Nov.2005.*
- [34] Ehab A. Khalil, "**Internet 2**," *An Article Review, published in the Information Newsletter, Minufiya University, Vol.41, Nov.2005.*
- [33] Ehab A. Khalil, "**Grid Computing Technology**," *An Article Review, published in the El-Mostakble Newspaper, Minufiya University, Vol.14, Oct. 2005.*
- [32] Ehab A. Khalil, "**Mobile is Injurious to Health (3)**," *An article Review Published in the Information Newsletter, Minufiya University, No.40, July 2005.*
- [31] Ehab A. Khalil, "**Mobile is Injurious to Health (2)**," *An article Review Published in the Information Newsletter, Minufiya University, No.39, May 2005.*
- [30] Ehab A. Khalil, "**Mobile is Injurious to Health (1)**," *An article Review Published in the Information Newsletter, Minufiya University, No.38, March 2005.*
- [29] Ehab A. Khalil, "**Internet 2**," *An article Review Published in the El-Mostakble Newspaper, Minufiya University, No.13, Feb.2005.*
- [28] Ehab A. Khalil, "**Optical Networks (2)**," *An article Review Published in the Information Newsletter, Minufiya University, No.37, January 2005.*
- [27] Ehab A. Khalil, "**Optical Networks (1)**," *An article Review Published in the Information Newsletter, Minufiya University, No.36, Dec.2004.*
- [26] Ehab A. Khalil, "**What is Tablet PC ?**," *An article Review Published in the El-Mostakble Journal, Minufiya University, Vol.12, Nov.-Dec.2004.*
- [25] Ehab A. Khalil, "**The Wi-Max Technology** ," *an article review published in the Information Newsletter, Minufiya University, No. 35, September, 2004.*
- [24] Ehab A. Khalil, "**The Personal Digital Assistant (PDA)** ," *an article review published in the Information Newsletter, Minufiya University, No. 34, July, 2004.*
- [23] Ehab A. Khalil, "**The New Wireless Technologies** ," *an article review published in the Information Newsletter, Minufiya University, No. 33, April-May, 2004.*
- [22] Ehab A. Khalil, "**Intel Centrino Technology**," *an article review published in the Information Newsletter, Minufiya University, No. 32, March, 2004.*
- [21] Ehab A. Khalil, "**The Hot Spot**," *an article review published in the Information Newsletter, Minufiya University, No. 31, February, 2004.*
- [20] Ehab A. Khalil, "**The Wi Fi Technology**," *an article review published in the Information Newsletter, Minufiya University, No.30, January 2004*
- [19] Ehab Aziz Khalil, "**Bluetooth Wireless Technology**," *An Article Review published in the El-Mostakble Newspaper, Minufiya University, Vol. No.11, January 2004.*
- [18] Ehab A. Khalil, "**Trusted Computing: Promise and Risk;(3)**," *an article review published in the Information Newsletter, Minufiya University, No.29, December, 2003.*
- [17] Ehab A. Khalil, "**Trusted Computing: Promise and Risk (2)**," *an article review published in the Information Newsletter, Minufiya University, No.28, November, 2003.*

- [16] Ehab A. Khalil, "**Trusted Computing: Promise and Risk (1)**," *an article review published in the Information Newsletter, Minufiya University, No.27, October, 2003*
- [15] Ehab A. Khalil, "**Next Generation Networks (2)**," *an article review published in the Information Newsletter, Minufiya University, No.26, September 2003.*
- [14] Ehab A. Khalil, "**Next Generation Networks (1)**," *an article review published in the Information Newsletter, Minufiya University, No.25, August 2003.*
- [13] Ehab A. Khalil, "**Voice over Internet Protocol VoIP (2)**," *an article review published in the Information Newsletter, Minufiya University, No.24, July 2003.*
- [12] Ehab A. Khalil, "**Voice over Internet Protocol VoIP (1)**," *an article review published in the Information Newsletter, Minufiya University, No.23, June 2003.*
- [11] Ehab A. Khalil, "**The Electronic Wares**," *an article review published in the Information Newsletter, Minufiya University, No.22, May 2003.*
- [10] Ehab A. Khalil, "**Understanding e-mails Headers**," *an article review published in the Information Newsletter, Minufiya University, No.21, April 2003.*
- [9] Ehab A. Khalil, "**How to Find Somebody's e-mail Address**," *an article review published in the Information Newsletter, Minufiya University, No.20, March 2003.*
- [8] Ehab A. Khalil, "**Electronic Courseware Development**," *an article review published in the Information Newsletter, Minufiya University, No.19, Feb.2003.*
- [7] Ehab A. Khalil, "**Security Systems (2)**," *an article review published in the Information Newsletter, Minufiya University, No.18, Jan.2003.*
- [6] Ehab A. Khalil, "**Security Systems (1)**," *an article review published in the Information Newsletter, Minufiya University, No.17, Dec.2002.*
- [5] Ehab A. Khalil, "**Definitions of Computer's Style and Internet's Web Sites**," *an article published in the Information Newsletter, Minufiya University, No.16, Nov.2002.*
- [4] Ehab A. Khalil, "**Which is right to write E-mail or email or e-mail ?**," *an article published in the Information Newsletter, Minufiya University, No.15, Oct.2002.*
- [3] Ehab A. Khalil, "**Internet's Birthday: an article**," *an article review published in the Information Newsletter, Minufiya University, No.14, Sept.2002.*
- [2] Ehab A. Khalil, "**Definitions of the New Network's Protocols**," *an article review published in the Information Newsletter, Minufiya University, No.13, August, 2002.*
- [1] Ehab A. Khalil, "**New Trends in Networks Architecture and Protocols**," *An Article review published in the Information Newsletter, Minufiya University, Vol.12, July 2002.*

Courses: The courses which I'm teaching are:

- 1- **Advanced Computer Networks.**
- 2- **Computer Networks.**
- 3- **Multimedia and Networked Multimedia.**
- 4- **Special Topics "Internet Architecture and Protocols".**
- 5- **Advanced Operating Systems.**

- 6- Operating Systems.
- 7- Computer Operations.
- 8- Computer Fundamentals.
- 9- B.Sc. Projects.

Scientific Societies: Member with the following Societies and Syndicates:

1. Egyptian Engineering Syndicate (Cooperation).
2. Internet2 Committee.
3. Network World Society.
4. International Engineering Consortium (IEC).
5. Information Security (InfoSec.) Society.
6. Who's Who, American Biographical Institute (ABI)
7. With the TPC and Shair Session of the 11th IEEE/ICCCN' 2001, and reviewer from 2001-2004.
8. Research Volunteers, International Journal of Advances Engineering & Technology (IJAET), INDIA, 2011-2013.

Encyclopedias:

- Published more than 75 scientific article reviews in the field of Advanced Computer Networks and Technologies.
- Published more than 36 scientific research papers in the International Conferences and more than 24 scientific research papers in International Journals.
- Published more than specialized scientific courses in the field of Advanced Computer Networks, Internet Protocols, Operating Systems, Advanced Operating Systems, and Principles & Computer Operations.

