

Dr. MOHAMED IBRAHIM EL-HADAD

Lecturer at High Institute of Engineering & Technology, Department of Electrical Engineering (Communication & Computer Engineering).

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Ph. D. in Engineering Science Electronics and Electrical Communication Engineering, Communication Engineering, Department of Electronics and Electrical Communication Engineering, Menoufia University, Egypt. (May 2019).

M. Sc. in Electronic Engineering, Communications Engineering, Department of Electronics and Electrical Communication Engineering, Faculty of Electronic Engineering, Menoufia University, Egypt. (Sept. 2011).

B. Sc. in Electronic Engineering, Department of Electronics and Electrical Communication Engineering, Faculty of Electronic Engineering, Menoufia University, Egypt. (May 2003).

Career Objective

To utilize my knowledge and experience for working as Lecturer or Scientific Researcher. I possess good analytical and strategic designing capabilities and can prove well in my field of electronics and electrical communication engineering. I am seeking for a challenging efficient position to develop myself more and render my best of services to assist the organization to its highest level of performance. I am seeking for a good opportunity in a Hi-Tech reputable research institution, working as a Lecturer and/or Research Assistant Professor in the field of Electronics, Wireless Communications, and Signal Processing. Towards accomplishing my life plans to be a distinguished professor in the field of Electronics and Electrical Communications Engineering.

Personal Information

Birth Date:	16 March 1981
Gender:	Male
Nationality:	Egypt
Marital Status:	Married

Professional Experience

2019 - Present	Lecturer at Electrical Engineering (Communication & Computer Engineering) Department, High Institute of Engineering & Technology, Ministry of Higher Education, Tanta, Gharbia, Egypt.
2017- Present	Instructor at Telecom Egypt Leadership Development Center (LDC)
June 2017- Present	Delta Communication Towers & Antennas Maintenance Manager
Nov. 2016– May 2017	Responsible for planning and optimization for the LTE radio equipment of Alex area in telecom Egypt 4G Mobile Project
Apr 2011 – Nov. 2016	O&M Transmission Manager (SDH, DWDM, CDMA) Telecom Egypt – TXM O&M Fiber Networks sector
2011- Present	Instructor at Telecom Egypt training center
October 2009 – Apr. 2011	Senior TXM Field Engineer - Telecom Egypt – TXM O&M Fiber Networks sector
July 2004 – Oct. 2009	Transmission Engineer - Telecom Egypt Company Industry: Telecommunications Job Role: Engineering - Fiber Optics Engineer (Transmission) <ul style="list-style-type: none">▪ NMS operator with RM & NM Alcatel-Lucent systems (SDH).▪ NMS operator with Ericsson systems (WDM MHL300).▪ Playing a key role as a maintenance engineer 24*7*365 on different shift for Alcatel – Lucent SDH Equipment such as: - 1670, 1660 (R2, 4&5), 1662, 1650.▪ Network Monitoring: identify the location and severity of the alarm or event and initiate recovery actions and notification procedures if required.▪ Accepted the work done by the installation team.▪ Operation, maintenance and commissioning of all SDH equipment.▪ Operation, maintenance and commissioning of all CDMA-BTS's.▪ Responsible for Technical support and problem resolution. Responsible for analyzing the faults and performance report.▪ Responsible for preparing and attending Monthly technical meetings.▪ Handle all test equipment used during acceptance.▪ Troubleshooting for H.W and S.W problems during commissioning.▪ On call Duty.▪ Testing, and repairing of Optical fiber networks.▪ Fusion splicing and termination using splicing machine▪ Testing using the OTDR Instrument <p>Note: Good user of the following Instruments. - (SDH analyzer- OTDR- 2M Tester-Power Meter-BER Tester- Laser Source -Optical Attenuator- Site master)</p>

Training

Leadership Development Center (LDC)	<ul style="list-style-type: none">• Train The Trainer (TTT)• International Business Driving License (IBDL)• Leadership Development Program (LDP 11)
Telecom Egypt Training Center	<ul style="list-style-type: none">• International Board of Certified Trainer (IBCT)• Developing Learners Level 11• Developing Learners Level 10• CCNA Exploration• Project Management• Developing Learners Level 9• Developing Learners Level 8• Long Term Evolution (LTE)• WiMAX Introduction• Dense Wavelength Division multiplexing (DWDM)
Alcatel-Lucent University (Lannion) - External Training on SDH	<ul style="list-style-type: none">• 1353NM 1354RM NR6/NR7 OPERATION• 1353NM and 1354RM NR7.1 ADMINISTRATION
SIEMENS (EGTI)	<ul style="list-style-type: none">• PCM30 Basics• Synchronous Digital Hierarchy (SDH)• Dense Wavelength Division Multiplexing (DWDM)• CDMA Overview• GSM Introduction• UMTS Introduction• GPRS Introduction• GPRS/UMTS Introduction and System Architecture• Introduction to Data Networking• Understanding TCP/IP networks• TCP/IP Advanced• IP and Qos : IntServ, DiffServ, MPLS• Voice over IP Introduction• Technology and Applications of Frame Relay• Technology and Applications of ATM• IP Multiservice Networks• Introduction IP multimedia Subsystem – IMS
ZTE UNIVERSITY	<ul style="list-style-type: none">• CDMA (BSSB Training)

Courses delivered

COURSE TITLE	CLIENT/LOCATION
Mobile Networks Planning & Optimization	High Institute of Engineering & Technology, Ministry of Higher Education
Mobile Communications	High Institute of Engineering & Technology, Ministry of Higher Education
Digital & Logic Circuits	High Institute of Engineering & Technology, Ministry of Higher Education
Automatic Control	High Institute of Engineering & Technology, Ministry of Higher Education
Signals Analysis	High Institute of Engineering & Technology, Ministry of Higher Education
Power Electronics	High Institute of Engineering & Technology, Ministry of Higher Education
Technical Report Writing	High Institute of Engineering & Technology, Ministry of Higher Education
Computer Skills	High Institute of Engineering & Technology, Ministry of Higher Education
LTE Mobile Network	Telecom Egypt Training Center
Optical Fiber Theory	Telecom Egypt Training Center
Optical Fiber Measurements	Telecom Egypt Training Center
Optical Fiber Splicing	Telecom Egypt Training Center
Fundamentals of SDH	Telecom Egypt Training Center
Project Management	Telecom Egypt Leadership Development Center (LDC)
Creative Thinking	Telecom Egypt Leadership Development Center (LDC)
Leadership Skills	Telecom Egypt Leadership Development Center (LDC)
Team Building	Telecom Egypt Leadership Development Center (LDC)
Strategic Planning	Telecom Egypt Leadership Development Center (LDC)
Drive Performance	Telecom Egypt Leadership Development Center (LDC)
Change Management	Telecom Egypt Leadership Development Center (LDC)
Time and Stress Management	Telecom Egypt Leadership Development Center (LDC)
Communication Skills	Telecom Egypt Leadership Development Center (LDC)
LDP	Ministry of Education

Published Papers

1. **Mohamad I. Elhadad**, Walid El-Shafai, El-Sayed M. El-Rabaie, Mohammed Abd-Elnaby, Fathi E. Abd El-Samie, (Accepted 24 November 2020), ““Optimized two-level scheduler for video traffic in LTE downlink framework,” *International Journal of Communication Systems*, Wiley. June 2021.
2. **Mohamad I. Elhadad**, Walid El-Shafai, El-Sayed M. El-Rabaie, Mohammed Abd-Elnaby, Fathi E. Abd El-Samie, (Accepted 24 August 2019), ““Enhanced Fair Earliest Due Date First Scheduling Strategy for Multimedia Applications in LTE Downlink Framework,” *International Journal of Communication Systems*, Wiley. February 2020.
3. **Mohamad I. Elhadad**, Mohammed AbdElnaby and El-Sayed M. El-Rabaie, “Optimized Delay Threshold Scheduler for Multimedia Traffic over LTE Downlink Network,” *Springer, Multimedia Tools and Applications International Journal*, vol. 67, no. 3, December 2018.
4. **Mohamad I. Elhadad**, Mohammed AbdElnaby and El-Sayed M. El-Rabaie, “Capacity Enhancement Based on Dynamically Adapted PF Scheduling Algorithm for LTE Downlink System,” *The International Arab Journal of Information Technology (IAJIT)*, vol. 15, no. 5, pp. 795-801, September 2018.
5. **Mohamad I. Elhadad**, Mohammed AbdElnaby and El-Sayed M. El-Rabaie, “Real Time- Optimized Scheduler Using Earliest Due Date Mechanism in LTE Downlink System,” *Menoufia Journal of Electronic Engineering Research (MJEER)*, vol. 26, no. 2, 2017.
6. **Mohamad I. Elhadad**, Mohammed AbdElnaby and El-Sayed M. El-Rabaie, “Enhanced PF Scheduling Algorithm for LTE Downlink System,” *Mobile Computing Journal*, vol. 3, issue 1, pp. 7-12, February 2014.
7. **Mohamad I. Elhadad**, Mohammed AbdElnaby and El-Sayed M. El-Rabaie, “Queue-Optimized Two-Level scheduler for video traffic in LTE Downlink Framework,” *Submitted for Publication in International Journal of Communication Systems*, Wiley.
8. **Mohamad I. Elhadad**, Mohammed AbdElnaby and El-Sayed M. El-Rabaie, “Capacity Enhanced Scheduler for LTE Downlink System Based on PF Algorithm,” *2016 Fourth International Japan-Egypt Conference on Electronics, Communications and Computers, Cairo, Egypt*, pp. 9-12, May 2016.
9. **Mohamad I. Elhadad**, Mohammed AbdElnaby and El-Sayed M. El-Rabaie, “Resource allocation for Real-Time services using Earliest Due Date mechanism in LTE networks,” *2016 Fourth International Japan-Egypt Conference on Electronics, Communications and Computers, Cairo Egypt*, pp. 13-16, May 2016.
10. **Mohamed Elhadad**, M. I. Dessouky, S. A. El-Dolil, Y. A. Albagory, and F. E. Abd El-Samie, “New Equalization Approach for Maximizing Data Rate in Discrete Multi Tone Systems,” *Accepted for publication in the International Journal of Electronics from Taylor and Francis*, 30 Jun. 2010.

11. **Mohamed Elhadad**, S. A. El-Dolil, and Y. A. Albagory, “Application of Trigonometric Transforms in Discrete Multi-Tone Systems,” in Proc. of the International Conference on Computer Engineering and Systems (ICCES'09) Conference, Cairo, Egypt, pp. 171-176, 14-16 Dec. 2009.

References available upon request



HAJOY BANJAN
20-2-2014



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جامعة

المنوفية

شهادة مؤقتة

023907



كلية الهندسة الإلكترونية

تشهد الكلية أن / محمد إبراهيم على الحداد

المولود في: سمود - الغربية

بتاريخ: ١٦/٣/١٩٨١ م

قد حصل على درجة الدكتوراه / دكتور الفلسفة في: العلوم الهندسية

التخصص الدقيق / مجال: هندسة الإلكترونيات والاتصالات الكهربائية - هندسة الاتصالات

التقدير: // // // // النسبة: // // // // المعدل: // // // // الرمز: // // //

في موضوع:

" تحسين أداء تقنيات الجدولة في شبكات تطور المدى البعيد الخلوية "

تاريخ موافقة مجلس الكلية: ٢٠١٩/٥/٢٠ م

تاريخ اعتماد مجلس الجامعة: ٢٠١٩/٥/٢٨ م

وقد تحررت هذه الشهادة بناء على طلبه لتقديمها لمن يهمه الأمر،،،

مدير الإدارة

محمد يونس

عميد الكلية

محمد الربيع
أ.د. محمد الهاصم عبد الجواد محمد

رئيس القسم

سماح

المختص بالدراسات العليا

مرييتا

وكيل الكلية للدراسات العليا

أ.د. د.سماح محمود الربيعي
أ.د. / سناء محمود الربيعي

التاريخ:

جمهورية مصر العربية

جامعة المنوفية

قرار مجلس الجامعة
إبن إبراهيم علي الحداد

الكلية في بنها بوضيرة - منوف
ورجعت المناجستير
سنة ١٩٨١ ميلادية
في الهندسة الإلكترونية

تخصص هندسة الاتصالات

في موضوع

(تحسين أداء خطوط التترين الرقمية)

وقد تم بمجلسها المنقذة بتاريخ ٢٦ سبتمبر ٢٠١١ بناء على قرار مجلس

كلية الهندسة الإلكترونية بمجلسها المنقذة بتاريخ ٤ سبتمبر ٢٠١١

رئيس المجلس
أ.د/ أحمد حامد زغلول
أ.د/ أحمد حامد زغلول

عميد الكلية

٢٠١٢ ٧ ٢٩

بتاريخ

بمجلت هذه الشهادة تحت رقم ١٤

توقيع صاحبة الدرجة

جمهورية مصر العربية
جامعة المنوفية

قرر مجلس الجامعة منح / محمد إبراهيم على الحداد
ابن إبراهيم على الحداد

المولود في بنا أبوصير - سمبود سنة ١٩٨١ ميلادية

درجة البكالوريوس في الهندسة الألكترونية

شعبة هندسة الألكترونيات وإتصالات الكهربية

دور مايو ٢٠٠٣ بتقدير عام جيد جدا مع مرتبة الشرف

وذلك بجلسته المنعقدة بتاريخ ١٩ اغسطس ٢٠٠٣ م

بناء علي قرار مجلس كلية الهندسة الألكترونية

المعتمد بتاريخ ١٧ اغسطس ٢٠٠٣ م

رئيس الجامعة

أ.د/ عباس على الحفاوى

عميد الكلية

توقيع صاحب الدرجة

بتاريخ

سجلت هذه الشهادة تحت رقم ٢٦٥/٣