

---

## Faculty Vitae

### 1. Name

NAEL AHMED ALSHAREEFI

### 2. Education

**PhD Communication Engineering University Malaysia Perlis (UniMAP) / 2014**

**MSc. Communication Engineering University of Technology Baghdad-Iraq /2001**

**BSc. Electronic and Communication University of Technology Baghdad-Iraq/ 1998**

### **Engineering**

### 3. Academic experience

2004-2005 Lecturer College of Electrical and Electronic Technologies / Baghdad-Iraq.

2005-2006 Lecturer [Dijlah University College](#) / Baghdad-Iraq.

2007-2010 Lecturer AISALAM University College (Arabic: ????? ??????? ??????????) / Baghdad-Iraq.

2014-2016 Lecturer [Al-BANI University College](#) / Baghdad-Iraq.

2016-2018 Lecturer [Dijlah University College](#) - Baghdad-Iraq.

2017-till now Lecturer University of Information Technology and Communication- Collage of Engineering- Media Technology Engineering Department

### 4. Non-Academic experience

1998-2001 Msc. student University of Technology

2002-2003 Senior Engineer Research and development Communication center / Baghdad-Iraq.

2003-2007 IT engineer [Sinaa Street, zahrat al basheer ??????? ????? - Baghdad, Iraq](#)

---

2004-2016 Chief Engineer Ministry of Science and Technology / Baghdad-Iraq

2010- 2014 Phd. student UniMAP ([Universiti Malaysia Perlis](#)) / Malaysia

#### 5. Certifications or professional registrations

- **ICDL (International Computer Driving License) (Certification).**
- **IT Essentials I: (PC Hardware and Software v4.0) (Certification) Cisco Networking Academy.**
- **IT Essentials II: (Network Operating Systems Version 3.0 (Certification) Cisco Networking Academy.**
- **Management of Information Technology: TARGET company for**
- **Training and Consulting, Lebanon-Beirut.**

#### **MCSE (Microsoft Certified System Engineer) in the following subject:**

-

- **Microsoft Windows server 2003 (Managing and Maintaining).**
- **Microsoft Windows server 2003 Active Directory (Planning, Implementing and Maintaining).**
- **Microsoft Exchange server 2003 (Implementing and Managing).**
- **Microsoft Internet Security and Acceleration ISA Server 2004.**

#### 6. Membership in professional organizations

- Iraqi Engineers Union

#### 7. Honors and awards

1. **Silver medal UniMAP Design Expo & Research Exhibition 2013 at 11 January 2013.**

- 
2. **Bronze medal UniMAP Design Expo & Research Exhibition 2014.**
  3. **Bronze medal as best presenter International Postgraduate Conference On Engineering and Management 2014 (IPCCEM2014).**
  4. **Ministry of Science and Technology Shield (2015).**
  5. **THANKS AND APPRECIATION from International Conference on Advanced Science and Engineering IEEE 2018 Kurdistan Region, Iraq.**

8. Service Activities (current)

- 1- Member of Smart Cities Center.
- 2- Lecturer in [Dijlah University College](#) - Baghdad-Iraq

9. Publications/Presentations

**Published (International Journal)**

1. **Al-Shareefi, N. A.**, Hassan, S. I. S., Malek, F., Ngah, R., Aljunid, S. A., Fayadh, R. A., et al. (2013). Development of a new approach for high-quality quadrupling frequency optical millimeter-wave signal generation without optical filter. ***Progress in Electromagnetics Research (PIER)***, 134, 189-208.
2. **Al-Shareefi, N. A.**, Hassan, S. I. S., Malek, F., Ngah, R., Abbas, S. A., and Aljunid, S. A. (2013). A cost-effective method for high-quality 60GHZ optical millimeter wave signal generation based on frequency quadrupling. ***Progress in Electromagnetics Research (PIER)***, 137, 255-274.
3. **Al-Shareefi, N. A.**, Hassan, S. I. S., Malek, F., Ngah, R., Abbas, S. A., and Aljunid, S. A. (2014). Optical Generation of 60-GHz Downstream Data in Radio over Fiber Systems Based On Two Parallel Dual-Drive MZMs. ***International Journal of Engineering and Technology (IJET)***. Vol. 6, No. 2 Apr-May 2014.
4. J. A. Aldhaibani, A. Yahya, R. Ahmad, N. Al-Shareefi, and M. Salman, "Effect of relay location on two-way DF and AF relay in LTE-A cellular networks," ***International Journal of Electronics and Communication Engineering & Technology***, vol. 3, pp. 385-399, 2012.

- 
5. R. A. Fayadh, F. Malek, H. A. Fadhil, N. A. Al-Shareefi, and H. Saad, "MMSE Equalized Rake-Receiver Using Adaptive Filter with a Family of Partial Update Algorithms in Wireless Communication Systems," Rashid A. Fayadh et. al/International Journal of Engineering and Technology (IJET) ISSN, pp. 0975-4024.
  6. [ALDHAIBAINI, J. A., ALKHAZRAJI, M. S., & AL-SHAREEFI, N. A. \(2018\). Enhancement Of Maximal Ratio Combiner In Ultra-Wideband Wireless Rake Receiver. Journal of Theoretical & Applied Information Technology, 96\(12\).](#)

## International Conference

1. **Al-Shareefi, N. A.**, Hassan, S. I. S., Malek, F., Ngah, R., Abbas, S. A., Aljunid, S. A., Noor Anida. (26th - 28th November 2013 Kuala Lumpur, Malaysia). A Study in OCS Millimeter-Wave Generation Using Two Parallel DD-MZMs. 2013 IEEE Malaysia International Conference on Communications (MICC 2013).
2. **Al-Shareefi, N. A.**, Hassan, S. I. S., Malek, F., Ngah, R. & Abbas, S. A. (9th -11th , December 2013 Penang, Malaysia). Optical Generation of 60-GHz Signal for Millimeter wave Wireless Communication. 2013 IEEE International RF and Microwave Conference (RFM2013).
3. **Al-Shareefi, N. A.**, Hassan, S. I. S., Malek, F., Ngah, R., Abbas, Aljunid, S. A., & Mohammed Taih Gatte. (25th-26th January 2014 Perlis, Malaysia). A Study in Optical Millimeter-Wave Generation Using IDP-MZM. International Postgraduate Conference on Engineering and Management 2014 (IPCEM2014).

10. Most recent professional development activities

**- Reviewer and section editor, Iraqi journal of computer and informatics.**

**- Reviewer, [ETRI Journal - Wiley Online Library](#).**

**- Reviewer, Journal of Modern Optics - [Taylor & Francis](#).**

**- Reviewer, Journal of Optical Communications, [De Gruyter](#).**

**-Reviewer, Progress In Electromagnetics Research (PIER).**

**Fields of Research Expertise / Interests:**

**[60-GHz Millimeter-wave Generation](#), 5th generation wireless systems,**

- **[Radio-over-Fiber](#), [Optical Fiber Communication](#).**
- **5th generation Cellular systems.**

---

- - **Communication Engineering Skills:**

**60 GHz wireless Gigabit Ethernet communication system.**

- **Mobile Cellular Communication.**
- **Professional Wireless Intercom BTR1 receiver**
- **Win Radio 3700 Computer communication receiver**
- - **Software Skills:**
- **Software Languages: Visual Basic.NET, MATLAB & Simulink, Turbo C++.**
- **Software packages: OptiSys 9.0, Cisco Packet tracer 7.0.**