

CV

PROF. AHMAD N. AL-OMARI
Department of Electronics Engineering
Hijjawi Faculty for Engineering Technology
Yarmouk University, Jordan
Mobile: 00962-707065321

EDUCATION

Degree	Discipline	Institution	Year
Ph.D.	<i>Electrical Engineering</i>	<i>Colorado State University</i>	August 2006
M.S.	<i>Electrical Engineering</i>	<i>Colorado State University</i>	August 2002
B.S.	<i>Electronics Engineering</i>	<i>Yarmouk University</i>	August 1995

ACADEMIC EXPERIENCE

- July 2017-Present: Yarmouk University, Irbid, Jordan. *Professor*, Department of Electronics Engineering.
- Sept. 2015- Present: Community College of Qatar, Doha, Qatar. *Dept. Chair*, Department of Electrical Engineering Tech. and Department of Information Tech.
- Sept. 2010- June 2014: Yarmouk University, Irbid, Jordan. *Dept. Chair*, Department of Electronics Engineering.
- Feb. 2012- July 2017: Yarmouk University, Irbid, Jordan. *Associate Professor*, Department of Electronics Engineering.
- Nov. 2006- Feb. 2012: Yarmouk University, Irbid, Jordan. *Assistant Professor*, Department of Electronics Engineering.

NON-ACADEMIC EXPERIENCE

CERTIFICATIONS OR PROFESSIONAL REGISTRATIONS

PROFESSIONAL SOCIETY MEMBERSHIP

1. Member of the Institute of Electrical and Electronic Engineers (*IEEE*) (2003-**current**)
2. Member of the IEEE Technology and Engineering Management Technical Community (2016-**current**)
3. Member of the IEEE-Photonics Society (*IEEE- Photonics*), (2003-**current**)
4. Member of the Honor Society for Electrical and Computer Engineers Eta Kappa Nu (*HKN*) Delta Pi Chapter, USA (**Life time**)
5. Member of the Jordanian Engineers Association, (*JEA*), JORDAN (1995-**current**)
6. Member of the *IEEE* Electron Devices Society (EDS), USA (2010-2011)
7. Member of the International Society for Optical Engineering (*SPIE*), USA (2003-2006, 2010)
8. Member of the *IEEE* Communications Society, USA (2003-2004, 2007-2008)
9. Member of the Optical Society of America (*OSA*), USA(2003-2006)
10. Member of the Institute of Engineering and Technology (*IET*), UK(2003-2006)

HONORS AND AWARDS

1. Best Paper Award (2017)

Awarded at 19th International Conference on Nanoelectronics Engineering and Devices (ICNED-2017) conference, Istanbul, Turkey, 21-22 December 2017. Paper title “the

Improved Small-Signal Characteristics of Infrared 850nm Top-Emitting Vertical-Cavity Lasers,”

2. Colorado State University Research Grant (10,000\$, 2008)

This grant was awarded to conduct research at Colorado State University, Electrical and Computer Engineering Dept., Prof. Kevin L. Lear (kllear@engr.colostate.edu)

3. Distinction in Scientific Research Award (2007)

Awarded by Yarmouk University, Hijjawi Faculty for Engineering Technology.

4. USA Defense Advanced Research Projects Agency Grant (DOD-DARPA) (360,000\$:2003-2006)

Development of 40 Gbps VCSELs for Chip to Chip Optical interconnects (PI: Prof. Kevin L. Lear, Electrical and Computer Engineering Dept., Colorado State University, Fort Collins, Colorado, USA, (kllear@engr.colostate.edu)

5. Yarmouk University PhD scholarship (2002- 2005)

This grant was awarded to obtain a Ph.D. degree in Electrical Engineering from Colorado State University, Fort Collins, Colorado, USA.

6. Yarmouk University Master of Science scholarship (2000- 2002)

This grant was awarded to obtain the degree of Master of Science in Electrical Engineering from Colorado State University, Fort Collins, Colorado, USA.

SERVICE ACTIVITIES

- **Reviewer:** *IEEE* Photonics Technology Letter, *IEEE* Transactions on Electron Devices, *OSA* Optics Express, *OSA* Applied Optics, *SPIE* Optical Engineering Letters, *SPIE* Optical Engineering, *IET* OptoElectronics, *ELSEVIER*, Journal of Optics and Lasers in Engineering, *ELSEVIER*, Journal of Optics and Laser Technology, Journal of Semiconductor Science and Technology (SST), Journal of Optics (JOPT), Journal of Physics D: Applied Physics (JPhysD), Japan Society of Applied Physics, Applied Physics Express (APEX), International Journal of Embedded Systems, Inderscience, Sensors & Actuators: A. Physical, Elsevier, Journal of Electrical Engineering (JEE),

FUNDED RESEARCH GRANTS

PROFESSIONAL DEVELOPMENT ACTIVITIES

1. “The road to accreditation”, (August 22, 2019).
2. “Developing Program Learning Outcomes: Design, Resume, and Checklist”, (February 21, 2019).
3. “Safety in Design during Engineering Phases”, (December 29, 2018).
4. “Industry Codes and Standards”, (December 29, 2018).
5. “Embracing Team-Building through Quality and Achievement”, (August 27-30, 2018).
6. “Mastering Learning Outcome Assessment”, (March 22, 2018).
7. “Education Policy and Academic Program Evaluation”, (March 20, 2018).
8. “SMART GOALS: Setting, Follow Up and Completion”, (November 28, 2017).
9. “Team Building and Conflict Resolution”, (October 21-22, 2017).
10. “Leadership Workshop”, (August 17, 2017).
11. “Outcome Based Teaching and Learning”, (August 16, 2017).
12. “International Learning and Civic Engagement”, (May 10, 2017).
13. “Research-Industry Partnership”, (April 6, 2016)
14. “Strategic Planning”, (December 1, 2016).
15. “Addressing our challenges and Looking at the Future”, (August 21, 2016).
16. “Institutional Effectiveness”, (January 28, 2016)