

CV

Prof. Osama M Khreis

Department of Electronic Engineering Faculty for Engineering Technology, Yarmouk University, Irbid, JORDAN

EDUCATION

Degree	Discipline	Institution	Year
Ph.D.	Electronic Engineering Opto-Electronics	University of Surrey, UK	1998
M.S.	Electronic Engineering Advanced Semiconductors Material & Devices	University of Surrey, UK	1994
B.S.	Electrical Engineering Electroni & Automation	Technical University of Sofi Bulgaria	1989

ACADEMIC EXPERIENCE

- 2018–Present: Prof., Electronic Engineering Department, Faculty for Engineering Technology, Yarmouk University, JORDAN.
- 2013–2018: Associate Prof. Faculty Scientific Research, Higher Education, and Social & Local Communities. Electronic Engineering Department, Faculty for Engineering Technology, Yarmouk University, JORDAN.
- 2012–2013: Associate Prof. Head of Planning, Quality Assurance and Development Center. Collage of Electrical Eng., Majmah University, Majmah, KSA.
- 2011–2012: Adjunct Prof., ITT Technical Institute, Milwaukee Area Technical College, and Milwaukee School of Eng., Milwaukee, WI, USA.
- 2005–2011: Associate Prof. and Head of Department (2006-2007), Electronic Engineering Department, Faculty for Eng. Technology Yarmouk University, Irbid, JORDAN.
- 1998–2005: Assistant Prof. Member of University (2000-2001) and Faculty (2001-2002, 2004-2005) Councils. Electronic Engineering Department, Faculty for Eng. Technology, Yarmouk University , Irbid, JORDAN.
- 1999–2000: Visiting Research Fellow. Department of Physics, Queen Mary and West Field Collage, University of London, London, UK.
- 1991–1993: Teaching and Research Assistant. Electronic Engineering Department, Faculty for Eng. Technology, Yarmouk University , Irbid, JORDAN.

NON-ACADEMIC EXPERIENCE

1989-2001: Computer Service Engineer. Al-Abbas Company (Authorized Dealer of IBM), Dubai, UAE

HONORS AND AWARDS

- Hijjawi Foundation Award for Academic Distinction in Research, Jordan, **2004**
- Research Grant, Queen Mary and West Field Collage, Dept. of Physics, University of London, London, UK. **1999-2000**
- Scholarship for M.Sc. & Ph.D from Yarmouk University, JORDAN, **1993-1998**
- Scholarship for B.Sc from Ministry of Education, JORDAN, **1982-1989**

SCHOLARLY ACTIVITIES & MEMBERSHIPS

- **2016-2018: Member of Faculty Scientific Research, Graduate Studies, and Social Local Community.**

- **Head of Electronic Eng. ABET committee.** Electronic Engineering Department, Faculty for Engineering Technology, Yarmouk University, JORDAN.
- **2014–2016: Head of Study Plan Theoretical Courses follow-up committee.** Electronic Engineering Department, Faculty for Engineering Technology, Yarmouk University, JORDAN.
- **2008–2009: Member of Faculty Teaching Staff Selection and Recruitment Committee.** Electronic Engineering Department, Faculty for Engineering Technology, Yarmouk University, JORDAN.
- **2007–2008: Member of Faculty Selection Committee for Best Instructor, Best Scientific Research, and**
- **Best M.Sc Thesis.** Electronic Engineering Department, Faculty for Engineering Technology, Yarmouk University, JORDAN.

SELECTED PUBLICATIONS

1. **O. M. Khreis**, A. N. Al-Omari & B. A. Harb (2016)

An Error-function Compositional Grading Scheme in Vertical-Cavity Surface Emitting Lasers. IEEE 5th International Conference on Electronic Devices, Systems, and Applications (ICEDSA-2016), Ras Al Khaimah, UAE. 6-8 December (2016).

2. **O. M. Khreis** (2016)

Modeling and analysis of smoothly diffused vertical cavity surface emitting lasers. J. of Computational Condensed Matter, V. 9, December 2016, Pages 56-61.

3. **O. M. Khreis** (2012)

Modeling interdiffusion in semiconductor distributed Bragg reflectors: An analytical approach. J. Superlattices and Microstructures, V. 52, December 2016, Pages 913-920.