

CV

Dr. Idrees S. Al-kofahi

**Department of Electronics Engineering, Hijjawi Faculty for Engineering Technology,
Yarmouk University, Jordan.**

EDUCATION

Degree	Discipline	Institution	Year
Ph.D.	Microelectronics Engineerin	Liverpool John Moores University	1997
M.S.	Microelectronics Engineerin	Liverpool John Moores University	1992
B.S.	Electrical Engineering	Yarmouk University	1986

ACADEMIC EXPERIENCE

Yarmouk University-Jordan	Associate Professor	September 2015 – present	Full time
Aljouf University - KSA	Associate Professor	September 2010 – September 2015	Full time
Yarmouk University-Jordan	Associate Professor	September 2007 - September 2010	Full time
Yarmouk University-Jordan	Associate Professor (Head of Electronics Dept.)	April 2006 - September 2007	Full time
Yarmouk University-Jordan	Assistant Professor (Head of Electronics Dept.)	September 2004 - April 2006	Full time
United Arab Emirates (UAE) University , UAE	Assistant Professor	September 2002 - September 2004	Full time
Yarmouk University-Jordan	Assistant Professor	September 1997 - September 2002	Full time
Liverpool University - UK	Senior Research Assistant	February 1997 - September 1997	Full time

NON-ACADEMIC EXPERIENC

Maintenance Engineer, Jordanian Army, June 1987 to June 1989, Full time

CERTIFICATIONS OR PROFESSIONAL REGISTRATIONS

Listed in **Who's Who in Engineering Academia**, January, 2010.

PROFESSIONAL SOCIETY MEMBERSHIP

Jordan Engineers Association (JEA) since 1987

HONORS AND AWARDS

1. Recipient of the Hisham Hijjawi **Academic Excellence in the field of Scientific Research**, the Scientific Foundation of Hisham Adeeb Hijjawi, Amman-Jordan, 2005.
2. A scholarship for Msc and PhD in UK, granted from Yarmouk University-Jordan, 1992-1997.
3. **Yarmouk university award** for ranking number one in the GPA, (1983).
4. Listed in **Honor list** of the College of Engineering, Yarmouk University (1983-1986)

SERVICE ACTIVITIES

Served (serving) as a referee for several journals and conferences.

Served as editorial board of **Aljouf Science and Engineering Journal (ASEJ)**, 2014 and 2015

FUNDED RESEARCH GRANTS

Research grant from the Deanship of Higher Education & Scientific Research-Yarmouk University-Jordan, 1998

SELECTED PUBLICATIONS

1. **Idrees S. Al-Kofahi**, Zaid Albataineh, and Ahmad Dagamseh, "A Two-Stage Power Amplifier Design for Ultra-Wideband Applications," accepted for publication at International Journal of Electrical and Computer Engineering.
2. **Idrees S. Al-Kofahi**, Zaid Albataineh, Mamoun Tantawi and Ahmad Dagamseh, "The narrowband tunable Radio Frequency (RF) power amplifier with High-Efficiency at 2.4 GHz Frequency," International Journal of Emerging Trends in Engineering Research, Vol. 8. No. 3, pp.763-768, 2020
3. A. Ababneh , Z. Albataineh , A. M. K. Dagamseh , **I.S.Al-kofahi** , B. Schäfer , T. Zengerle,K. Bauer and H. Seidel, "Optical characterization of sputtered aluminum nitride thin films – correlating refractive index with degree of c-axis orientation," Thin Solid Films, Vol. 693, 2020, 137701
4. Zaid Albataineha, Yazan Hamadeh, Jafar Moheidat, Ahmad Dagamseh, **Idrees Al-Kofahi**, Mohammed Alsumady, "A High-Gain Low Noise Amplifier for RFID Front-Ends Reader," Jordan Journal of Electrical Engineering, Vol. 3, No. 1, pp. 65-74, 2017
5. Suliman M. Abu-Gazleh, Ali A. Eyadeh, **Idrees S. Al-Kofahi** and Qusai A. Quran, "Theoretical And Experimental Investigation Of Fiber Loss And Dispersion Effects In Optical Networks," Journal of Electron Devices, Vol. 18, pp. 1524-1530, 2013
6. **Idrees S. AL-Kofahi**, "Investigating Current Density Dependence Of Oxide Trap Charging In NMOSFETs During Substrate Electrons Injection: A Genetic Algorithm Approach," Journal of Electron Devices, Vol. 17, pp. 1433-1438, 2013
7. A. N. AL-Omari, **I. AL-Kofahi** and K. L. Lear," Fabrication, performance and parasitic parameter extraction of 850 nm high-speed vertical-cavity lasers," Semiconductor Science and Technology, 24, 095024 (8pp), 2009

PROFESSIONAL DEVELOPMENT ACTIVITIES

1. "**European Program Tempus Project visit**" Polytechnic University of Valencia, Spain, 9-16 September, 2007.
2. Intensive course on **FPGA** organized with the cooperation of French Universities and held at the Jordan University of Sci. and Tech. (JUST), Jordan. From 25 - 30 August 1998.
3. A course on the culture of evaluation and treatment of university marks within the framework of education ethics, 1998.