



Reem Khalid Al-Dakheel

Personal Data

Nationality | Saudi

Date of Birth | 17/11/1982

Department | Physics

Official IAU Email | raldakheel@uod.edu.sa

Office Phone No. | 37482

Language Proficiency

Language	Read	Write	Speak
Arabic	✓	✓	✓
English	✓	✓	✓

Academic Qualifications (Beginning with the most recent)

Date	Academic Degree	Place of Issue	Address
27/10/1434	Master	College of Science-Physics Department-King Saud University	Riyadh
5/5/1426	Bachelor	Girls College of Science IAU Physics Department	Dammam

PhD, Master or Fellowship Research Title: (Academic Honors or Distinctions)

Master	
	Spectral discrimination between benign and malignant breast tumors

Professional Record: (Beginning with the most recent)

Job Rank	Place and Address of Work			Date
Lecturer	College of Science-Physics Department	University of Dammam	Dammam	16/4/1435
Demonstrator	College of Science-Physics Department	University of Dammam	Dammam	15/9/1429

Scientific Achievements



Published Refereed Scientific Researches

(In Chronological Order Beginning with the Most Recent)

#	Name of Investigator(s)	Research Title	Publisher and Date of Publication
	M. S. AlSalhi, S. Ben Amer, K. Farhat, D. Rabah, S. Devanesan, M. Atif, V.Masilamani, Reem.K.S. Al-Dakheel	Optical biopsy of breast cancer tissue	Laser Physics 22, 1358-1363. (2012)

Contribution to Scientific Conferences and Symposia

#	Conference Title	Place and Date of the Conference	Extent of Contribution
1	The 4th Saudi International Nanotechnology Conference (SINC 2016)	King Fahd University of Petroleum and Minerals (KFUPM)-Dhahran (25-26 Oct. 2016)	Attendance only
2	The 7 th Saudi Conference on Medical Physics which Emphasized CME/PD activities.	King Fahad Specialist Hospital-Dammam (KFSH-D) (12-14 Nov. 2013)	Attendance only
3	Carbon Nanotubes (CNTs): Synthesis, Purification, Characterization and Applications	King Fahd University of Petroleum and Minerals (KFUPM)-Dhahran (26-27 May 2009)	Attendance only
4	"Radiology Physics" course	Department of Radiology, King Faisal Specialist Hospital & Research Center (2-13 Aug.2008)	Attendance only

Teaching Activities

Undergraduate

#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
1	Physics I	PHYS 202	Labs
2	General Physics (2)	PHYS 132N	Labs
3	General Physics (1)	PHYS 101N	Labs + Lectures (exercises)
4	General Physics (3)	PHYS 201N	Labs
5	Practical Physics (1)	PHYS 306N	Labs
6	Practical Physics (2)	PHYS 407N	Labs
7	Atomic and molecular spectroscopy		Labs
8	Electricity and magnetism (1)		Labs
9	Electricity and magnetism (2)		Labs
10	Properties of the material and heat		Labs
11	Principle of physics		Labs + Lectures (exercises)

Student Academic Supervision and Mentoring

#	Level	Number of Students	From	to
	All undergraduate levels	21	1436 H	Now

Administrative Responsibilities, Committee and Community Service

(Beginning with the most recent)



Administrative Responsibilities

#	From	To	Position	Organization
1			Member	Higher Education
2			Member	Scientific Research
3			Member	Tables and registration courses
4			Member	Physics club
5			Member	Organize exam

Volunteer Work

#	From	To	Type of Volunteer	Organization
1	5 June 2016	26 June 2016	instructor	Summer Enrichment Program at King Abdulaziz & his Companions Foundation for Giftedness and Creativity

Personal Key Competencies and Skills: (Computer, Information technology, technical, etc.)

1	Diploma in IT and computer application form
2	Origin-Mathematica-SPSS

Last Update

30/11/2016