


<b>assistant Professor: Mahmood Radhi Jobayr</b>		
<b>Department</b>	Radiological techniques	
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### Qualifications: الشهادات العلمية

- # B.Sc. (1989) "College of education for pure sciences/Iban-Alhaitham" University of Baghdad (Iraq)
- # M.Sc. (1995) "physics" "nuclear physics " College of education for pure sciences/Iban-Alhaitham" University of Baghdad (Iraq)
- # Ph.D. (2007) " physics " "solid state physics " College of education for pure sciences/Iban-Alhaitham" University of Baghdad (Iraq)

### Fields of Interest: مجالات الاهتمام (توضع علامة نجمة للمجال الأكثر عملاً واهتماماً)

- # MATLAB & MathCAD Programs\*
- # Nanostructures Materials
- # PowerPoint & Excel
- # Solid State electronics

### Recent Publications:

### آخر البحوث المنشورة

- # (2015) The heat exchange intensification in nano-homojunction semiconductor Materials, *Eng. & Tech. Journal, Vol.33, Part (B), No.5*, المؤتمر الدولي الخامس للنانوتكنولوجيا والمواد المتقدمة وتطبيقاتها / الجامعة التكنولوجية
- (2012), Electrical Conductivity Effect for Grafted Polystyrene at Different Grafting and Gamma Dose – *Sensors & Transducers Journal, Vol. 137, Issue 2, 66-7*
- # (2012), Electrochemical Interferences of Mn<sup>2+</sup> with Hg<sup>2+</sup>, Cd<sup>2+</sup> and Cu<sup>2+</sup> at Different Modified GCE – *Australian Journal of Basic and Applied Sciences, 6(9), 357-363*
- # (2013), Electrochemical Sensors of Cyclic Voltammetry to Detect Cd(II) in Blood Medium – *Sensors & Transducers, Vol. 155, Issue 8, 150-154*
- # (2010), Phonon confinement effect on lattice thermal conductivity of Zn<sub>4</sub>Sb<sub>3</sub> quantum well structure. *Ibn Al-Haitham J. for pure & appl. sci. Vol. 23 (1)*

### Recent Prizes:

### الجوائز الأخيرة

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### Patents: براءات الاختراع

⊕	( Fabrication of grafted polymer working electrode self-modification with carbon nanotubes, 4593, C25B11/12, H01M4/88, IQ, 2-6-2016
⊕	
⊕	
⊕	

### Administration Position: المناصب الادارية

⊕	(2012-2013), administrative assistant of dean , college of health and medical technology / Baghdad
⊕	(2015 - now), head of Radiological techniques, college of health and medical technology / Baghdad
⊕	
⊕	

### Membership in Scientific Societies: العضوية في الجمعيات العلمية

⊕	(Year) – Position, Society Name
⊕	
⊕	
⊕	

### Editor/Reviewer: محرر / مراجع

⊕	(Year – Year), –Editor of Journal , Enterprise (Country)
⊕	(Year – Year), – Reviewer of Journal , Enterprise (Country)
⊕	
⊕	

### Professional Activities: الأنشطة المهنية

⊕	(Year) –Intellectual Property Rights Certificate (No.) for (Field),
⊕	
⊕	
⊕	

### Invited lectures:

**MIDDLE TECHNICAL UNIVERSITY - IRAQ**

	#(Year) – lecture Title, Enterprise, (Country)
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