



السيرة الذاتية

أ.د. علي أحمد يوسف حسين الشمري

الجامعة المستنصرية - كلية التربية - قسم الفيزياء -

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ملخص تعريفي:

- عضو هيئة تدريسية في الجامعة المستنصرية (من 2002/3/28 الى الوقت الحالي)
- الموالي: 1973/9/10 بغداد
- الجنسية: عراقية
- العنوان: قسم الفيزياء / كلية التربية/ الجامعة المستنصرية/ العراق/ بغداد.
- اللقب العلمي: استاذ
- التخصص العام والدقيق: الفيزياء/ فيزياء الحالة الصلبة/اغشية رقيقة (نانو تكنولوجيا)

الشهادات الدراسية:

- Ph.D. دكتوراه في الفيزياء (2010-11-7)
- M.Sc. ماجستير في الفيزياء (2002-4-21)
- B.Sc. بكالوريوس في الفيزياء (1999-7-1)

الجوائز والتكريم الأكاديمي

شكر وتقدير:

عنوان موضوع الشكر والتقدير رقم وتاريخ الأمر الإداري

- 1- اعطاء محاضرات تقوية العطلة الصيفية (عميد كلية التربية) 3921 في 2-11-2005
- 2- اهداء اطروحة ماجستير (عميد كلية التربية) 546 في 1-3-2011
- 3- التطور والإبداع (رئيس الجامعة المستنصرية) 27701 في 30-10-2011
- 4- مسابقة ال (IC3) (وزير التعليم العالي والبحث العلمي) م و 772-9 في 19-5-2011
- 5- انجاز المهام التدريسية والوظيفية (عميد كلية التربية) 2130 في 5-9-2012
- 6- يوم العلم (رئيس الجامعة المستنصرية) 1567 في 17-1-2013
- 7- يوم العلم (عميد كلية التربية) 267 في 30-1-2013
- 8- مناقشة طلبة الدراسات العليا (الجامعة التكنولوجية) ع ت 259 في 18-2-2013
- 9- مناقشة طلبة الدراسات العليا (الجامعة واسط) ع ت 4032 في 21-10-2013
- 10- مضي خمسين عاما على تأسيس الجامعة المستنصرية (وزير التعليم العالي والبحث العلمي) م و 73070 في 26-3-2014
- 11- مناقشة طلبة الدراسات العليا (جامعة ديالى) ع ت 1269 في 15-4-2014
- 12- بطولة رينس الجامعة المستنصرية لخماسي كرة القدم (عميد كلية التربية) 1290 في 18-5-2014



16806 في 19 - 6 - 2014

13- بطولة رينس الجامعة المستنصرية لخماسي كرة القدم (رينس الجامعة المستنصرية)

14- مناقشة طلبة الدراسات العليا (الجامعة التكنولوجية) ع ت 1762 في 21-9-2014

15- مناقشة طلبة الدراسات العليا (جامعة ديالى) ع ت 3231 في 22-12-2014

16- المؤتمر العلمي التخصصي الحادي والعشرين 22-23- نيسان 2015 1533 في 18-5-2015

كلية التربية/ الجامعة المستنصرية (عميد كلية التربية)

17- مناقشة طلبة الدراسات العليا (جامعة بغداد/كلية العلوم للبنات) 22 / 3313 في 26-5-2015

18- مناقشة طلبة الدراسات العليا (الجامعة التكنولوجية) ع ت 1251 في 14-6-2015

19- الأمانة العامة للمكتبة المركزية (الجامعة المستنصرية) ع ت 213 في 28-3-2016

20- شكر على اهداء كتاب (عميد كلية التربية) 1267 في 24-4-2016

21- الأمانة العامة للمكتبة المركزية (الجامعة المستنصرية) ع ت 294 في 18-4-2016

22- نشر بحث (Thomson Reuters) (رينس الجامعة المستنصرية) 14083 في 8-6-2016

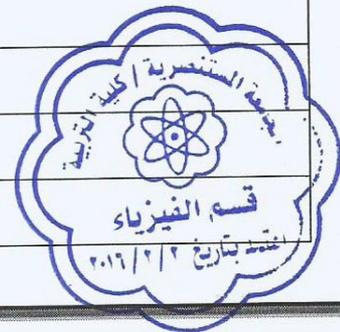
23 - حصول جامعتنا على مراتب متقدمة ضمن التصنيف (مكتب رئيس الوزراء) ع.م. ر.و. 10262/69/ في 18-8-2016

الخبرة الأكاديمية والتدريس:

- استاذ مساعد (2010- للوقت الحالي) قسم الفيزياء / كلية التربية/ الجامعة المستنصرية/ العراق/ بغداد.
- مدرس (2006) قسم الفيزياء / كلية التربية/ الجامعة المستنصرية/ العراق/ بغداد.
- مدرس مساعد (2003) قسم الفيزياء / كلية التربية/ الجامعة المستنصرية/ العراق/ بغداد.
- معاون فيزيائي (2002) قسم الفيزياء / كلية التربية/ الجامعة المستنصرية/ العراق/ بغداد.

المقررات الدراسية التي تم تدريسها:

الدراسات الأولية	الدراسات العليا
الفيزياء الجامعية	Ph.D. Solid State Physics
الفيزياء الذرية والجزيئية	دكتوراه الدرس الخاص Special Topics (Nanotechnology of Thin Films)
فيزياء الحالة الصلبة	دكتوراه الدرس الخاص Special Topics (Nanotechnology)
مختبر البصرييات	
مختبر الالكترونكس	
مختبر الميكانيك	
مختبر الكهربائية	
مختبر الحاسبات	
مختبر ذرية	



الانتساب المهني او الجمعيات:

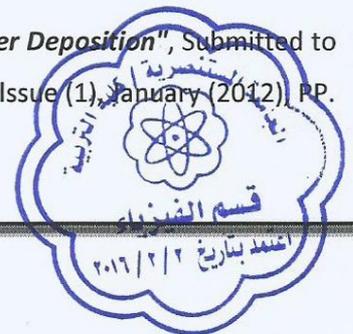
- عضو اللجنة العلمية في قسم الفيزياء.
- عضو اللجنة الدراسات العليا في قسم الفيزياء.
- عضو اللجنة الامتحانية في قسم الفيزياء.
- عضو لجنة تحديث المناهج في قسم الفيزياء.
- عضو لجنة تطوير المختبرات والقاعات الدراسية في قسم الفيزياء.
- تم تكليفي من قبل القسم بعدد من لجان استلال الخاصة للترقيات العلمية. (بعضها رئيس لجنة)
- عضو لعدد من اللجان التحقيقية على صعيد الكلية والجامعة. (بعضها رئيس لجنة)
- عضو الجمعية العراقية للنانوتكنولوجي.
- عضو اللجنة القسم في قسم الفيزياء.

المنشورات العلمية

- بحوث علمية.
- [1] "*Study of electrical properties of (CdS:Ag) thin films by chemical spray pyrolysis*", journal of College of Education, University of Baghdad, N.3 (2002).
- [2] "*The effect of dopants by Ag on Optical properties of (CdS) thin films*", journal of College of Education, University of Baghdad, N.3 (2002).
- [3] "*Influence of cadmium dopants on the electronic transitions of tin oxide thin films*," proceeding of the Fifteenth Conference of the College of Education, Al-Mustansiriya University, N. 4, 2004, PP. 1-6.
- [4] "*Optical properties of fluorine doped tin oxide thin films*," journal of College of Education, Al-Mustansiriya University, N. 3, (2005) , PP. 145-150.



- [5] **"Study of optical properties of (ZnO:F) thin films by chemical spray pyrolysis,"** journal of College of Education, Al-Mustansiriya University,, N.5 (2005), PP. 385-390.
- [6] **"Respiratory compliance and airway resistance in athletes",** of the Fifteenth Conference of the College of Education, Al-Mustansiriya University, N.1, 2007, PP. 430-437.
- [7] **"The effect of gamma rays on Optical properties of (Fe₂O₃) thin films by chemical spray pyrolysis",** College of Education, Al-Mustansiriya University, N. 3, 2009, PP. 657-667.
- [8] **"Structural and Optical Properties of Cobalt-Doped ZnO Thin Film by pulsed laser deposition",** J. of the college of the education in the sixteenth conference on physics / Al-Mustansiriya University, 28-29/ 5/ 2009, Vol. 3, PP.85-95.
- [9] **" A Theoretical Investigation Of Reaction Properties In Highly- Doped N-Gaas At MIR Wavelengths",** School of Applied Sciences, University of Technology, Baghdad, N. 12, Vol. 28, 2010, PP. 584-594.
- [10] **"Effect of alumina-doping on Structural and Optical Properties of ZnO thin films by pulsed laser deposition",** Accepted at J. of Eng. & Tech., University of Technology., No. 14, Vol. 28, 2010, PP. 4677-4686.
- [11] **" Nanostructure ZnO film Prepared by Pulsed Laser Deposition for Gas Sensing Applications",** Published at The second conference on nanotechnology, advanced materials and their applications, University of Technology" , N. 2, 3-4/11/ 2010, PP. 189-199.
- [12] **"Electrical Characterizations of ZnO Heterojunction photosensitive properties by Pulsed Laser Deposition",** journal of the college of the education in the eighteenth conference on physics / Al-Mustansiriya University, N. 46, Vol. 2, 20-21/4/2011, PP. 159-163.
- [13] **" Characterization of Photocurrent Based on ZnO by Al₂O₃ Doping Nanostructures Grown on n-Si by PLD",** Journal of College of Education, University of Al-Mustansiriya, N. 3, Vol.1, 2011, PP. 141-152.
- [14] **" Optical Responsivity and I-V Characterizations of ZnO:Co /n-Si Heterojunctions Thin Films Prepared by PLD Technique",** Journal of College of Education, University of Al-Mustansiriya, N. 1, Vol.2, 2011, PP. 601-607.
- [15] **" Doping Effect on the Structural Properties of ZnO: Al₂O₃ Thin Films by Pulsed Laser Deposition",** Journal of Al-Nahrain University Vol.14 (4), December, 2011, pp.73-80.
- [16] **"Nanostructured Zinc Oxide with Cobalt Dopant by PLD for Gas Sensor Applications",** Journal of Nano-and Electronic physics, N. 2, Vol.4, 2012, 02007PP. 1-6.
- [17] **"Study of the structure properties of Co-doped ZnO thin films grown by Pulsed Laser Deposition",** Submitted to International Journal of Nanoelectronic and Materials, Universiti Malaysia Perlis, Vol (5), Issue (1), January (2012) PP. 47-55.



[18] "*Characterization of Alumina-Doped Zinc Oxide Thin Films Prepared by Pulsed Laser Deposition*", journal of the college of the education in the nineteenth conference on physics / Al-Mustansiriya University, Vol. 3, 25-26/ 4/ 2012, PP. 275-288.

[19] "*Study of Annealing Effect on the Some Physical Properties of Nanostructure TiO₂ films prepared by PLD*", Journal of College of Education, University of Al-Mustansiriya, N. 3, Vol.26, 2013, PP. 139-160.

[20] "*Synthesis of nanostructured TiO₂ thin films by pulsed laser deposition (PLD) and the effect of annealing temperature on structural and morphological properties*", Ibn Al-Haitham Jour. for Pure & Appl. Sci., University of Baghdad, N. 3, Vol.26, 2013, PP. 143-152.

[21] "*Annealing Effect on the Growth nanostructured TiO₂ thin films by pulsed laser deposition (PLD)*", School of Applied Sciences, University of Technology, Baghdad, Eng. & Tech., Technology Journal, Vol. 31, part (B), No. 4, 2013, PP. 460-470.

[22] "*Properties of Co-doped ZnO Transparent Conductive Thin Films by Pulsed Laser Deposition*", journal of the college of the education in the two tenth conference on physics/ Al-Mustansiriya University, Vol. 4, 24-25/ 4/ 2013, PP. 697-710.

[23] "*Annealing Effect on the Structural and Morphology Properties of Nanostructure SnO₂ films prepared by Chemical Spray Pyrolysis*", Journal of College of Education, University of Al-Mustansiriya, No. 1, 2014, PP. 461-490.

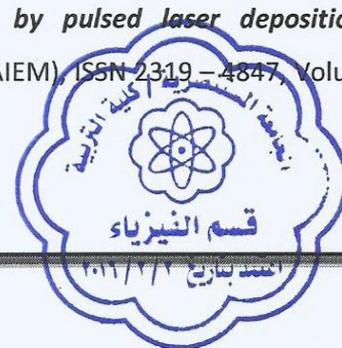
[24] "*Effects of Mg incorporation on the Structural and morphological properties of Nanostructure ZnO prepared by (PLD)*", Journal of College of Education, University of Al-Mustansiriya, No. 1, 2014, PP. 491-510.

[25] "*Effect of Annealing temperature on the Structural, Optical and Sensitivity Properties of Nanostructure SnO₂ Films to CO₂ and NH₃ Gas*", Iraqi Journal of Science, University of Baghdad, N. 3, Vol.55, 2014, PP. 1264-1286.

[26] "*A Study on Structural and Optical Properties of Nanostructure Mg_xZn_{1-x}O thin films using Pulsed Laser Deposition*", School of Applied Sciences, University of Technology, Baghdad, Eng. & Tech., Technology Journal, Vol. 32, part (B), No. 6, 2014, PP. 1030-1050.

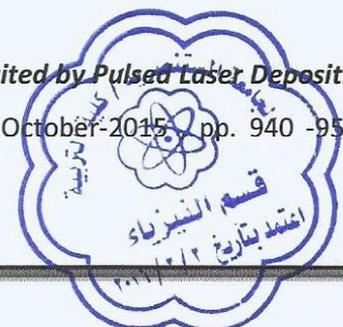
[27] "*Structural and Electrical Characterization of ZnO and ZnO:Co Nanoparticles Grown on p-Si Prepared by PLD*", International Journal of Emerging Trends & Technology in Computer Science, ISSN 2278-6856, IJETTCS-2014-02-19-087.

[28] "*Current transport studies of n-ZnO/p-Si hetero-nanostructures grown by pulsed laser deposition*", International Journal of Application or Innovation in Engineering & Management (IJAEM), ISSN 2319 – 4847, Volume 3, Issue 1, January 2014, PP. 35-43.



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- [29] **"Structural, morphological, photo-responsivity and electrical properties of heterojunctions ZnO Nanostructure films deposited on n-Si (100) by PLD"**, International Journal of Application or Innovation in Engineering & Management (IJAIEM), ISSN 2319 – 4847, Volume 3, Issue 1, January 2014, PP. 44-55.
- [30] **"Structural and Electrical Properties of ZnO:Co Thin Films Prepared By Pulsed Laser Deposition"**, Materials Science An Indian Journal (MSAIJ), 10(10), 2014 , PP. 438-442.
- [31] **"Experimental and theoretical investigations of structural properties of nanostructured Co-doped ZnO films grown by pulsed laser deposition"**, Thin Solid Films, TSF-30772; No of Pages 4 ,(2012).
- [32] **"NO₂ Gas Sensing Properties of Nanoparticle Zinc Sulfide Films Sensors Prepared by Chemical Spray Pyrolysis"**, International Journal of Basic and Applied Science, Vol. 03, No. 04, April 2015, pp. 1-20.
- [33] **"The Effect of Thickness Nanoparticle ZnS Films on Optical Properties"**, International Journal of Basic and Applied Science, Vol. 03, No. 03, January 2015, pp.38-51.
- [34] **"Growth of Nanoparticle Zinc Sulfide Films by Chemical Spray Pyrolysis Technique"**, IJISSET-International Journal of Innovative Science, Engineering & Technology, Vol. 2 Issue 3, March 2015, pp.886-902.
- [35] **" Effect of layer thickness on the Surface Morphology and Gas Sensing Properties of Nanoparticle Zinc Sulfide Films"**, journal of the college of the education in the Twenty-one conference on physics, Al-Mustansiriya University, respective number, Vol. 1, 2015, pp.361-369.
- [36] **" The effect of Laser Irradiations on the Structural Properties of Nanocrystalline In₂O₃ Films Prepared by Chemical Spray "**, journal of the college of the education in the Twenty-one conference on physics, Al-Mustansiriya University, respective number, Vol. 1, 2015, pp.412-419.
- [37] **"Morphological and Structural of Nanostructure ZnO/p-Si Thin Films Obtained by Pulsed Laser Deposition"**, journal of the college of the education in the Twenty-one conference on physics, Al-Mustansiriya University, respective number, Vol. 1, 2015, pp.407-411.
- [38] **"Study the effect of Irradiation by laser-ray on the optical properties of the nanostructure In₂O₃ thin films"**, The 5th International scientific Conference on Nanotechnology& Advanced Materials Their Applications (ICNAMA 2015) 3-4 Nov, 2015, Eng. &Tech.Journal, Vol.33, Part (B), No.5, 2015, pp. 938 -950.
- [39] **"Effect of Laser Irradiation on structure, Morphology and gas Sensor Properties of Chemical Spray Pyrolysis Deposited Nanostructured In₂O₃ Films"**, International Journal of Scientific & Engineering Research, Volume 7, Issue 1, January-2016 , pp. 116 - 135. Impact Factor: 3.8
- [40] **"Structural and Electrical Properties of Nanocrystalline CdO:In thin films Deposited by Pulsed Laser Deposition"**, International Journal of Scientific & Engineering Research, Volume 6, Issue 10, October-2015 , pp. 940 -953 . ELSEVIER, Impact Factor: **3.2, 0.987**, Country United States.



- [41] "Gas Sensitivity and Morphologically Characterized of Nanostructure CdO Doped In_2O_3 Films Deposited by Pulsed Laser Deposition", J Biosensors & Bioelectronics, Volume 6 • Issue 4 • 1000192, pp. 2 -7, Impact Factor: 6.41, Country United States.
- [42] " Optical properties and photoluminescence spectrum of nanostructure CdO:In Films by Pulsed Laser Deposition", journal of the college of the education in the Twenty-one conference on physics, Al-Mustansiriya University, respective number, Vol. 1, 2015, pp.675-681.
- [43] "Growth of Nanostructured CdO:In Films by Pulsed Laser Deposition", Iraqi journal of applied physics, IJAP, Vol., No. 1, January-March 2015, pp. 15-19.
- [44] "Investigation in Optical Properties of Magnesium Doped Nanostructure Zinc Oxide Films by Pulsed-Laser Deposition Method", Advances in Physics Theories and Applications, Vol.59, 2016, pp. 8-18.
- [45] "Influence of Ag doping on Optical Properties of Nanocrystalline Titanium Dioxide prepared by PLD ", IOSR Journal of Applied Physics (IOSR-JAP), Volume 8, Issue 5 Ver. II (Sep - Oct. 2016), PP 50-56.
- [46] "The Optical Properties Of Nanocomposite $\text{SnO}_2/\text{Fe}_2\text{O}_3$ Films of Binary Oxides Obtained Deposited By Chemical Spray Pyrolysis", Journal of Multidisciplinary Engineering Science and Technology (JMEST), Vol. 3 Issue 10, October – 2016, pp. 5694-5700.
- [47] "Influence of Structural Properties of Pure $\text{SnO}_2, \text{Fe}_2\text{O}_3$ And Nanocomposite $\text{SnO}_2 / \text{Fe}_2\text{O}_3$ Thin Films Deposited By Spray Pyrolysis Technique ", Journal of Multidisciplinary Engineering Science Studies (JMESS), Vol. 2 Issue 10, October - 2016, pp. 1002 -1008.
- [48] " Gas-sensitive behaviour of thin films sensors based on $\text{SnO}_2/\text{Fe}_2\text{O}_3$ nanocomposites", Journal of Multidisciplinary Engineering Science Studies (JMESS), Vol. 2 Issue 10, October - 2016, pp. 1002 -1008.
- [49] "Nanoparticle dopants TiO_2 films for structure, optical and gas sensing properties prepared by PLD technique", Journal of Multidisciplinary Engineering Science Studies (JMESS), Vol. 2 Issue 9, September – 2016, pp.879-891.
- [50] "The Optical Properties Of Nanocomposite $\text{SnO}_2/\text{Fe}_2\text{O}_3$ Films of Binary Oxides Obtained Deposited By Chemical Spray Pyrolysis", Journal of Multidisciplinary Engineering Science and Technology (JMEST), Vol. 3 Issue 10, October – 2016, pp. 5694-5700.
- [51] "Studies of the structural and optical properties of nanocomposite TiO_2/Ag films prepared by pulsed laser deposition", وقائع المؤتمر العلمي الرابع- الدولي الاول/ كلية التربية للعلوم الصرفة / جامعة كربلاء, (12 April-2017), PP 887-907.
- [52] "Efficient SERS Based Chemical Sensor for Low Concentration of Cryptocyanine Dye Molecule", وقائع المؤتمر العلمي الرابع- الدولي الاول/ كلية التربية للعلوم الصرفة / جامعة كربلاء, (12 April-2017), PP 942-951.



[53] "Influence of Structural Properties of Nanostructure SnO₂:Sb Thin Films Deposited By Spray Pyrolysis Technique", Journal of Multidisciplinary Engineering Science and Technology (JMEST), Vol. 4 Issue 9, (Berlin) September – 2017, pp. 8226 -8231. Impact Factor: 1.27.

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[57] "Surface Topography and Sensitivity Properties of SnO₂/Fe₂O₃ Nanocomposite Thin Films ", Journal of Advanced Physics, Volume 6, Number 4, December 2017, pp. 502-507(6). Impact Factor:.

[58] " Optimization of AgNPs/mesoPS Active Substrates for Ultra–Low Molecule Detection Process ", Silicon (Springer Science), Volume 10, Number 5, Silicon (2018) 10:2241-2251. Impact Factor: 1.246.

[59] "Influence of Laser Pulse Energy on The Electrical Properties of Cu₂O Nanoparticles Prepared by Laser Induce Plasma", IOP Conf. Series: Materials Science and Engineering (International Conference on Materials Engineering and Science), 454 (22/12/2018) 012047. pp. 502-507.

[60] "Annealing Effects on the Structure and of CuO thin film Prepared by PLD", Indian Journal of Natural Sciences, Volume 8/ Issue 49/ August/ 2018, pp. 14101-14105.

تطوير المهارات:

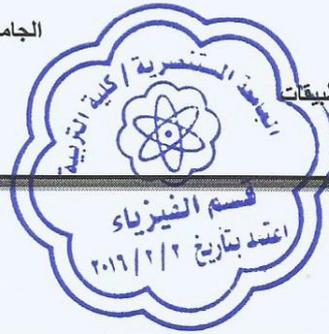


- Workshops. Conferences. Certifications.
- الشهادات Certifications
- المشاركة في دورة طرائق التدريس .
- المشاركة في دورة كفاءة الحاسوب (1999/7/27)
- حاصلة على شهادة IC3 وبدرجة دولية (2011/4/5)
- حاصلة على شهادة كفاءة اللغة الانكليزية (توفل).
- حاصلة على شهادة كفاءة اللغة العربية من كلية الاداب- الجامعة المستنصرية.

● الشهادات التقديرية:

- عنوان موضوع الجائزة
- تاريخ الشهادة التقديرية
- 1- الدورة التأهيلية التربوية (طرائق التدريس) 2002-5-5 في 36
 - 2- المؤتمر العلمي السادس عشر 28-27 ايار 2009
كلية التربية/ الجامعة المستنصرية (عميد كلية التربية)
 - 3- المؤتمر العلمي الثامن عشر 21-20 نيسان 2011
كلية التربية/ الجامعة المستنصرية (عميد كلية التربية)
 - 4- المؤتمر العلمي التاسع عشر 26-25 نيسان 2012
كلية التربية/ الجامعة المستنصرية (عميد كلية التربية)
 - 5- يوم العلم (وزير التعليم العالي والبحث العلمي) 2012- 4- 15
 - 6- يوم العلم (رئيس الجامعة المستنصرية) 2012- 12- 18
 - 7- المؤتمر الوطني الاول الشامل للنانوتكنولوجي 2013
 - 8- المؤتمر العلمي العشرين 25-24 نيسان 2013 كلية التربية/ الجامعة المستنصرية (عميد كلية التربية)
 - 9- ثلاث شهادات تقديرية للبحوث المنشورة في المجالات العالمية لسنة 2014
 - 10- المؤتمر العلمي الدولي الاول لتطبيقات الليزر والمواد المتقدمة / التكنولوجية في 16-18/ 12/ 2014
 - 11- المؤتمر العلمي التخصصي الحادي والعشرين 23-22 نيسان 2015
كلية التربية/ الجامعة المستنصرية (عميد كلية التربية)
 12. المؤتمر الوطني الخامس للنانوتكنولوجي/ كلية العلوم التطبيقية/ التكنولوجية/ في 3-4 تشرين الثاني (نوفمبر) 2015
 13. الندوة العلمية التخصصية الاولى في مجال تقنية النانو لقسم الفيزياء/ كلية التربية/ الجامعة المستنصرية الموافق 2015/11/26

اسم الحلقة (الندوة/المؤتمر)	محل انعقادها	تاريخ انعقادها	نوعية المشاركة
1. المؤتمر العلمي السادس عشر	كلية التربية/ الجامعة المستنصرية	28-27 ايار 2009	باحث
2. المؤتمر العلمي الثامن عشر	كلية التربية/ الجامعة المستنصرية	21-20 نيسان 2011	باحث
3. المؤتمر العلمي التاسع عشر	كلية التربية/ الجامعة المستنصرية	26-25 نيسان 2011	باحث
4. المؤتمر الوطني الاول الشامل للنانوتكنولوجي	كلية العلوم التطبيقية/ التكنولوجية	2012	مشارك
5. المؤتمر العلمي (الجمعية العراقية للنانوتكنولوجي)	الجامعة التكنولوجية	2012-3-1	إدارة حلقة
6. المؤتمر العلمي العشرين	كلية التربية/ الجامعة المستنصرية	25-24 نيسان 2011	باحث
7. المؤتمر العلمي الدولي الرابع للنانوتكنولوجي والمواد المتقدمة وتطبيقاتها	الجامعة التكنولوجية	2013/ 11/6-5	مشارك
8. المؤتمر العلمي الدولي الاول لتطبيقات	الجامعة التكنولوجية	2013/ 11/6-5	مشارك



مشارك	2014/ 12/18- 16	الجامعة التكنولوجية	الليزر والمواد المتقدمة
باحث	2015 نيسان 23-22	كلية التربية/ الجامعة المستنصرية	9. المؤتمر العلمي التخصصي الحادي والعشرين
باحث	2015 4-3 تشرين الثاني	كلية العلوم التطبيقية/ التكنولوجية	10. المؤتمر الوطني للنانوتكنولوجي
	2015/11/26	الجامعة المستنصرية الموافق	11. الندوة العلمية التخصصية الاولى في مجال تقنية النانو لقسم الفيزياء/ كلية التربية/ الجامعة المستنصرية

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- ورشة عمل مع طلبة الدراسات الاولية الخاصة ببحوث التخرج
- ورشة عمل مع طلبة الدراسات العليا الخاصة بأطاريح ورسائل طلبة الدكتوراه والماجستير



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COURSES TAUGHT:

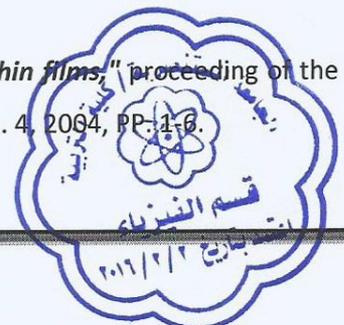
Undergraduate	Graduate
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- Member of Graduate Studies committee for Physics Department .
- Member of exam committee for Physics Department .
- Member of the Committee updated the curriculum in the Department of Physics.
- Member of the Committee to develop laboratories and classrooms in the Department of Physics.
- it was assigned by section number of committees extraction of special scientific upgrades. (Some of which Chairman of the Committee)
- Member of a number of investigative committees at the college and university level. (Some of which Chairman of the Committee)
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PUBLICATIONS:

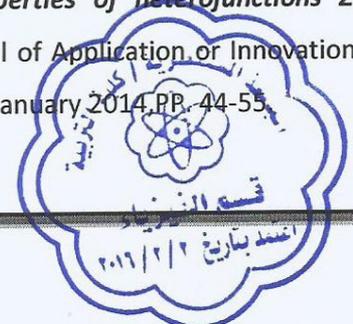
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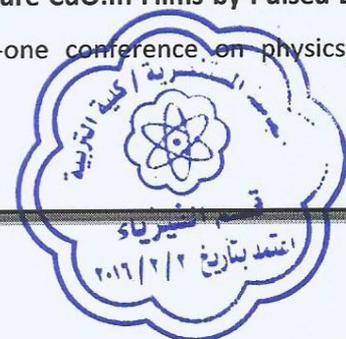
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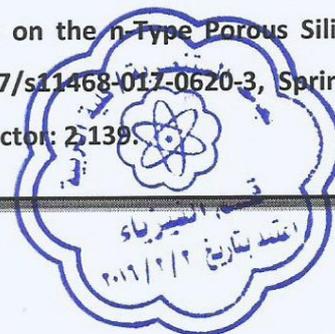
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PROFESSIONAL DEVELOPMENT

- Courses of Educational Qualifying, Al-Mustansiryah University
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