CURRICULUM VITAE

جامعة الأزهر
Al-Azhar University-Gaza

Issa M El Nahhal

Last Update:19/01/2016

PERSONAL DETAILS

Date Of Birth	14/7/1956	**Place Of Birth**	Rafah
Nationality	Palestinian		
Martial Status	Married	**Gender**	Male
Designation	PhD		
Department	Chemistry		
Faculty	Science		
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ACADEMIC QUALIFICATIONS

(YEAR ,QUALIFICATION ,INSTITUTION ,TITLE)

1986 Doctoral Degree, PHD,Manchester University Istitute of Science and Technology (Chemistry)

1980 Bachelor Degree, BSC,Al-Exandaria university (Chemistry/physics)

PROFESSIONAL AFFILIATION/MEMBERSHIP

(YEAR ,ORGANISATION ,ROLE ,LEVEL)

2003-2004 Al-Azhar Univ., Gaza, Palestine.,Vice president of academic affairs,University

2002-2012 Palestinian Accreditation and quality assurance,Member of Accreditation and quality assurance,National

1996 Al Azhar University of Gaza (AUG),Deanship of postgraduate studies,University

AREAS OF EXPERTISE

(AREA)

Material Science and nanomaterials , Fanctionalized polysiloxanes , metal oxides silica and cotton coated nanocompsites , sol-gel encapsulation of pH indicators ,

SELECTED PUBLICATIONS

- (Book \ Chapter in Book)

1. Issa M El Nahhal • Abdelraouf A Elmanama • Nadia M Amara (2016) . Synthesis of Nano Metal Oxides Coated Cotton Composites, InTech - open science , Gaza
2. Issa M El Nahhal, Shehata M Zourab, and Alaa I Qudaih (2012) . Sol-Gel Optical pH Sensors , Lap Lambert academic Publishing , Germany

- Article in Academic Journal

1 Issa M. El-Nahhal, Jamil K. Salem, Mohamed Selmane Fawzi S Kodeh, Heba A Ebtihan (2017) . Synthesis and Structural characterization of ZnO and CuO nanoparticles supported mesoporous silica SBA-15,Chemical Physics Letters ,(667) ,156-171. (ISI Cited Publication)

2 El-Nahhal, Issa M.; Salem, Jamil K.; Kuhn, Sylvia; et al. (2016) . Synthesis and characterization of silica-, meso-silica- and their functionalized silica-coated copper oxide nanomaterials,J of Sol-Gel Science and Technology,(79) ,573-583. (ISI Cited Publication)

3 El-Nahhal, Issa M.; Abu Shawesh, Asma A.; Kodeh, Fawzi S.; et al.

(2016) . Novel pH-responsive swing gate system for adsorption and controlled release of BTB and MG dyes using amine functionalized mesoporous SBA-15 silica,J of Sol-Gel Science and Technology,(77) ,386-395. (ISI Cited Publication)

4 Issa M. El-Nahhal, Mohamed Chehimi , Mohamed Selmane (2016) . Synthesis and Structural Characterization of G-SBA-IDA, G-SBA-EDTA and G-SBA-DTPA Modified Mesoporous SBA-15 Silica and Their application forRemoval toxic metal ions pollutants,Silicon,() ,. (ISI Cited Publication)

5 Jamil K. Salem, Issa M. El-Nahhal, Bassam A. Najri, Talaat M. Hammad,

(2016) . Utilization of surface Plasmon resonance band of silver nanoparticles for determination of critical micelle concentration of cationic surfactants,Chemical Physics Letters ,(664) ,154–158. (ISI Cited Publication)

6 Jamil K. Salem, Issa M. El-Nahhal , Bassam A. Najri, Talaat M. Hammad (2016) . Effect of anionic surfactants on the surface plasmon resonance band of silver nanoparticles: Determination of critical micelle concentration,Journal of Molecular Liquids, ,(223) ,771–774. (ISI Cited Publication)

7 Ahmed, Mona A.; Abu Shaweesh, Asmah A.; El-Ashgar, Nizam M.; El-Nahhal, Issa M, (2016) . Synthesis and characterization of immobilized-polysiloxane monoamine-thiol triacetic acid and its diamine and triamine derivatives,Journal of sol-gel Science and technology,(78) ,660-672. (ISI Cited Publication)

8 El-Nahhal, Issa M.; Zourab, Shehata M.; Kodeh, Fawzi S.; et al. (2016) . Sol-gel entrapment of bromothymol blue (BTB) indicator in the presence of cationic 16E1Q and 16E1QS surfactants,Journal of Sol-Gel Science and Technology,(79) ,628-636. (ISI Cited Publication)

9 IM El-Nahhal, JK Salem, S Kuhn, T Hammad, R Hempelmann, S Al Bhaisi (2016) . Synthesis & characterization of silica coated and functionalized silica coated zinc oxide nanomaterials,Powder Technology,(287) ,439-446. (ISI Cited Publication)

10 JK Salem, IM El-Nahhal, TM Hammad, S Kuhn, SA Sharekh (2015) . Optical and fluorescence properties of MgO nanoparticles in micellar solution of hydroxyethyl laurdimonium chloride ,Chemical Physics Letters,(636) ,26-30. (ISI Cited Publication)

11 IM El-Nahhal, NM El-Ashgar, A Abu-Shawish, MAEA Ahmed, (2015) . Template Synthesis of Immobilized-polysiloxane Diamine-thiol Tetraacetic Acid Bi-ligand System and its Application for Determination of Metal Ions ,Phosphorus, Sulfur, and Silicon and the Related Elements,10(190) ,. (ISI Cited Publication)

12 IM El-Nahhal, J Livage, SM Zourab, FS Kodeh (2015) . Entrapment of phenol red (PR) pH indicator into sol–gel matrix in presence of some surfactants ,Journal of Sol-Gel Science and Technology,(75) ,313-322. (ISI Cited Publication)

13 Nizam M El-Ashgar, Mohammad K Silmi, Issa M El-Nahhal, Mohamed M Chehimi, Florence Babonneau (2015) . Template Synthesis of Iminodiacetic Acid Polysiloxane Immobilized Ligand Systems and their Metal Uptake Capacity,Silicon,() ,1-13. (ISI Cited Publication)

14 Issa M. El-Nahhal, Shehata M. Zourob, Fawzi S. Kodeh and Fatma H.Abdelsalam, J,

(2014) . Sol-Gel Encapsulation of Bromothymol Blue pH Indicator in Presence of Gemini 12-2-12 Surfactant,,Journal of Sol-Gel Science and Technology,(71) ,16-23. (ISI Cited Publication)

15 Jamil K. Salem, Talaat M. Hammad, S. Kuhn, Issa Nahal, Mohammed Abu Draaz . Naser K. Hejazy, R. Hempelmann
(2014) . Luminescence properties of Mn and Ni doped ZnS nanoparticles synthesized by capping agent,J Mater Sci: Mater Electron,(25) , 5188-5194.. (ISI Cited Publication)

16 Issa M. El-Nahhal, Shehata M Zourab Fawzi S. Kodeh, Abdelraouf A. Elmanama , FlorenceBabonneau and Jacques Livage, (2013) . Nano-structured zinc oxide-cotton fibers: Synthesis , Characterization and Applications,Journal of Material Sciences: Material Electrons ,(24) ,3970. (ISI Cited Publication)

17 Issa M. El Nahhal, Shehata M. Zoura, Fawzi S. Kodeh, Florence Babonneau, Wafaa Hegazy, (2012) . Sol-Gel Encapsulation of Cresol Red in Presence of Surfactants,J of Sol-Gel Science and Technology ,(71) ,117. (ISI Cited Publication)

18 Nizam M. El-Ashgar, Issa M. El-Nahhal, Mohamed M.
Chehimi, Florence Babonneau, and Jacques Livage (2012) . SYNTHESIS OF POLYSILOXANE-IMMOBILIZED
MONOAMINE, DIAMINE, AND TRIAMINE LIGAND SYSTEMS IN THE PRESENCE OF CTAB AND THEIR APPLICATIONS,Phosphorus, Sulfur, and Silicon and the Related Elements,3(187) ,392. (ISI Cited Publication)

19 Nizam M. El-Ashgar, Issa M. El-Nahhal, Mohamed M. Chehimi, Florence Babonneau and Jacques Livage. (2012) . Synthesis of Polysiloxane-Immobilized Monoamine, Diamine and Triamine Ligand Systems in the Presence of CTAB and Their Applications,Phosphorous, Sulfur and Silicon and the Related Elements, ,(187) ,392. (ISI Cited Publication)

20 Nizam El-Ashgar, Ahmed El-Basioni, Issa M. El-Nahhal, Shehata M. Zourob, Taher El-Agez and Sofyan A. Taya (2012) . Sol-Gel Thin Films Immobilized with Bromocresol Purple pH-Sensitive Indicator in Presence of Surfactants,ISRN Analytical Chemistry ,(2012) ,. (ISI Cited Publication)

21 Issa M. El Nahhal, Shehata M. Zourab, Fawzi S. Kodeh, Alaa I. Qudaih,

(2012) . Thin Film Optical BTB pH Sensors Using Sol-Gel Method in Presence of Surfactants,Journal of Nano Letters, ,(2) ,52-61. (ISI Cited Publication)

22 Issa M El Nahhal*, Shehata M Zourab, Fawzi S Kodeh and Alaa I Qudaih (2012) . Thin film optical BTB pH sensors using sol–gel
method in presence of surfactants,International Nano Letters ,() ,2-9. (ISI Cited Publication)

23 Issa M. El-Nahhal, Shehata M Zourab Fawzi S. Kodeh, Abdelraouf A. Elmanama , Florence Babonneau and Jacques Livage, (2012) . Nano-structured copper oxide-cotton fibers: Synthesis , Characterization and Applications,Journal of Nano Letters, ,(2) ,62-67. (ISI Cited Publication)

24 Issa M El-Nahhal, Shehata M Zourab, Fawzi S Kodeh, Mohamed Selmane, Isabelle Genois and Florence Babonneau (2012) . Nanostructured copper oxide-cotton fibers:
synthesis, characterization, and applications,International Nano Letters ,() ,2. (ISI Cited Publication)

25 Issa M. El Nahhal, Shehata M. Zourab, and Fawzi S. Kodeh,

(2011) . Enacpsulation of Bromothymol Blue into a Polysiloxane Network Matrix in Presence of Surfactants,J Desper. Sci. and Techn.,9(32) ,1367-1370. (ISI Cited Publication)

26 I M El Nahhal, S M Zourab and F S Qodeh, (2010) . Behaviour of phenol red pH-sensors in the presence of different surfactants using the sol-gel process,Intern. J Environ Anal. Chem.,(90) ,644. (ISI Cited Publication)

27 Nizam M. El-Ashgar , Issa M. El-Nahhal, Mohamed M. Chehimi, Florence Babonneau, Jacques Livage, (2010) . Extraction and removal of metal ions (Co2+, Ni2+, Cu2+, Zn2+ and Cd2)using 2-aminophenylaminopropylpolysiloxane functionalized ligand system,Environ. Chem. Lett.,(8) ,311-316. (ISI Cited Publication)

28 I M El Nahhal, S M Zourab and F S Qodeh, (2009) . Behaviour of trapped bromothymol blue into sol-gel matrix in presence of CTAB.,J Desper. Sci. and Techn.,(30) ,383-397. (ISI Cited Publication)

29 Nizam M. El- Ashgar, Issa M. El-Nahhal, Mohamed M. Chehimi, Florence Babonneau and Jacques Livage,

(2009) . Preparation of Immobilized-Polysiloxane Ehylenediiminotriacetic acid and Its Application for trace metal analysis in aqueous samples,Intern. J. Environ. Anal.,(89) ,1057. (ISI Cited Publication)

30 Nizam M. El-Ashgara, Issa M. El-Nahhal, Mohamed M. Chehimi, Florence Babonneau and Jacques Livage, (2009) . New strategy for the synthesis of diethylenetriaminetetraacetic acid functionalized polysiloxane ligand system,J Desper. Sci. and Techn.,5(30) ,684. (ISI Cited Publication)

31 Issa M. El-Nahhal and Nizam M. El-Ashgar,
(2007) . A Review On Polysiloxane-Immobilized Ligand System, Synthesis,Characterization and Applications,J. Organomet. Chem.,(692) ,2861. (ISI Cited Publication)

32 Nizam M. El-Ashgar, Issa M. El-Nahhal, Mohamed M. Chehimi, CaroleConnan,Florence Babonneau and Jacques Livage., (2007) . A New Route Synthesis of Immobilized-Polysiloxane Iminodiacetic Acid Ligand System,its Characterization and Applications.,Material Letters,(61) ,4553. (ISI Cited Publication)

33 Issa M El Nahhal and Nasser Abu Ghalwa, (2007) . Potentiometric titration of Na2HAsO4, NaPO3, Na4P2O7 and their binary mixtures in NaNO3 melt at 350oC using a Novel solid state glass/TiO2 as pH indicator electrode,J. Disper. Sci. and Techn.,6(28) ,876. (ISI Cited Publication)

34 Nasser Abu Galwa and Issa El Nahhal, (2007) . Development of A Novel Solid-State pH Sensor Electrode Based on Titanium Oxide Thin Film As An Indicator Electrode in Potentiometric Acid-Base Titrations in Fused NaNO3 at 350oC,J. Desper. Sci. and Techn.,5(28) ,757. (ISI Cited Publication)

35 Nizam M. El-Ashgara, Issa M. El-Nahhal, Mohamed M. Chehimi, Florence Babonneau and Jacques Livage, (2007) . Macrocyclic Polysiloxane Immobilized Ligand System And Its Structural Characterization,J Desper. Sci. and Techn.,3(28) ,445. (ISI Cited Publication)

36 Nizam M. El-Ashgar, Issa M. El-Nahhal, Mohamed M. Chehimi, Michel Delamar, Florence Babonneau and Jacques Livage, (2007) . Extraction of metal ions (Fe3+, Co2+, Ni2+, Cu2+ and Zn2+) using immobilized-polysiloxane iminobis(n-2-aminophenyl acetamide) ligand system,J. of Sol-Gel. Science. and Technology ,(41) ,3. (ISI Cited Publication)

37 F Zaggout, I M El Nahhal, (2006) .
Behaviour of thymol blue analytical pH indicator entrapped into sol-gel matrix,Material Letters,(60) ,3463. (ISI Cited Publication)

38 Issa M. El-Nahhal, and Nizam M. El-Ashgar, (2006) . Separation of Cu2+, Ni2+, Co2+ metal ions using Iminobis (N-2-aminoethyle acetamide)-modified polysiloxane ligand system,J. Desper. Sci. and tech.,(27) ,759. (ISI Cited Publication)

39 Farid R. Zaggout , Hassan Abed Elazzez , Abed El Fattah A. Qaraman , Issa El Nahhal, 27 (2006) 561.

(2006) . Entrapment of pH Universal Indicator into Sol-Gel Matrix, Journal of Dispersion Science and Technology,,(27) ,561. (ISI Cited Publication)

40 N. M. El-Ashgar, I. M. El-Nahhal, M. M. Chehimi, F. Babonneau and J. Livage. (2006) . Synthesis and Structural Characterization of new Macrocyclic Imobilized-Polysiloxane Ligand System,Monatshefte für Chemie Chemical Monthly,,3(137) ,263. (ISI Cited Publication)

41 I.M. El-Nahhal, Shehata M. Zourab and N. M. Al-Ashgar, (2005) . Encapsulation of Methyl Orange pH Indicator into a Sol-Gel Matrix,Materials Letters, ,23(59) ,2928. (ISI Cited Publication)

42 Issa M. El-Nahhal, Nizam M. El-Ashgar, Mohamed M. Chehimi, and Florence Babonneau, (2005) . Immobilized-Polysiloxane Ethyl Amino Benzoate Derivatives, Synthesis, Characterization and Applications of Immobilized Iminodiacetic Acid-Modified Silica,Reactive and Functional Polymers,(63) ,199. (ISI Cited Publication)

43 Issa M. El-Nahhal,and Nizam M. El-Ashgar, (2005) . Preconcentration and Separation of Copper(II) by 3-Aminopropylpolysiloxane Immobilized Ligand System,J. of Sol-Gel. Sci. and Tech.,2(34) ,165. (ISI Cited Publication)

44 Salman M Saada, Issa M. El-Nahhal, Nizam M. El-Ashgar, Mohamed M. Chehimi, Jocelyne Maquet, and Florence Babonneau, (2005) . Synthesis, Characterization and Applications of Polysiloxane networks with Immobilized Pyrogallol ligand,Applied Organometallic Chem. ,6(19) ,759. (ISI Cited Publication)

45 Hayel M. El-Kurd, Issa M. El-Nahhal and Nizam M. El-Ashgar, (2005) . Synthesis of New Polysiloxane-Immobilized Ligand System [Di(Amidomethyl)Aminetetraacetic Acid],Phosphorus , Sulfur, Silicon and The Related Elements,,(180) ,1657. (ISI Cited Publication)

46 I.M. El-Nahhal, Shehata M. Zourab and N. M. Al-Ashgar, (2005) . Encapsulation of Methyl Red pH Indicator into a Sol-Gel Matrix,J. of Dispersion Science and Technology ,(26) ,629. (ISI Cited Publication)

47 Y Abu Maila , Issa M El Nnahhal,and M. Al-Agha, (2004) . Seasonal variations and mechanism of groundwater pollution in Gaza Strip ,Enviromental Geology,(27) ,84. (ISI Cited Publication)

48 Issa M. El-Nahhal, Basheer A. El-Shetary, Abo El-Khair B. Mustafa, Nizam M. El-Ashgar, Jacques Livage, (2003) . Structural Characterization of immobilized-Polysiloxane iminobis (N-diethylenediamineacetamide) Ligand System",Solid State Sciences.,(5) ,1395. (ISI Cited Publication)

49 Issa M. El-Nahhal, Nizam M. El-Ashgar, Mohamed M. Chehimi, Pascal Bargiela, Jocelyne Maquet,

(2003) . Synthesis, Characterization and Applications of Immobilized Iminodiacetic Acid-Modified Silica,J. Sol-Gel. Scie. and Tech.,2(28) ,255. (ISI Cited Publication)

50 Issa M. El-Nahhal, Nizam M. El-Ashgar, Mohamed M. Chehimi, Pascal Bargiela, Jocelyne Maquet, Florence Babonneau, Jacques Livage, . (2003) . Metal uptake by porous iminobis(N-2-aminoethylacetamide)- modified polysiloxane ligand system ,Microporous and Mesoporous Material ,(65) ,299. (ISI Cited Publication)

51 Issa M. El-Nahhal, Basheer A. El-Shetary, K. A. Salib and Ahmed M. El-Hashash, (2002) . Polysiloxane-immobilized triamine ligand system, synthesis and applications,Phosphorus , Sulfur, Silicon and The Related Elements,,3(177) ,741-753. (ISI Cited Publication)

52 I.M. El-Nahhal, Shehata M. Zourab and N. M. Al-Ashgar, (2001) . Encapsulation of Phenolphalein pH-indicator into a Sol-Gel Matrix,J. Dispersion of Science and Tech,6(22) ,583. (ISI Cited Publication)

53 F. R. Zaggout, I.M. El-Nahhal and N.M. Al-Ashgar (2001) . Uptake of divalent metal ions (Cu2+, Zn2+ and Cd2+) by polysiloxane-immobilized diamine ligand system,Anal. Letts., ,2(34) ,247. (ISI Cited Publication)

54 Issa M. El-Nahhal, Basheer A. El-Shetary, K. A. Salib and A. M. El-Hashash,

(2001) . Uptake of divalent metal ions (Cu2+, Ni2+, Co2+) by polysiloxaneimmobilized triamine-thiol and thiol-acetate ligand system, Anal. Letts.,(34) ,2189. (ISI Cited Publication)

55 Issa M. El-Nahhal, (2000) . Synthesis and solid-State NMR structural characterization of polysiloxane-immobilized thiol-amine metal(II) complexes, Phosphorous, Sulfur and Silicon and the related elements,(162) ,245. (ISI Cited Publication)

56 I.M. El-Nahhal, F.R. Zaggout and N.M. El-Ashgar (2000) . Uptake of divalent metal ions (Cu2+, Zn2+ and Cd2+) by polysiloxane-immobilized glycinate ligand system,Anal. Lett.,,15(33) ,3373. (ISI Cited Publication)

57 I.M. El-Nahhal, . (2000) . -acetate polysiloxane-immobilized ligand system and its applications,Asian J. Chem. ,4(12) ,1235. (ISI Cited Publication)

58 I.M. El-Nahhal, Mohammed M. Chehimi, Christine Cordier and Guy Dodin,

(2000) . XPS, NMR and FTIR structural characterization of polysiloxane-immobilized amine ligand systems,J. Non-Cryst. Solids, ,(274) ,142. (ISI Cited Publication)

59 I.M. El-Nahhal, F.R. Zaggout and N.M. El-Ashgar, (2000) . Uptake of divalent metal ions (Cu2+, Zn2+ and Cd2+) by polysiloxane-immobilized monoamine ligand system,Anal. Lett.,,10(33) ,2031. (ISI Cited Publication)

60 M. Al-Saraj, M.S. Abdel-Latif, I.M. El-Nahhal and R. Baraka, (1999) . Bioaccumulation of some hazardous metal by sol-gel entrapped mocroorganisms,J. Non-Cryst. Solids, ,(248) ,137. (ISI Cited Publication)

61 I.M. El-Nahhal, H.M. El-Kurd and R.V. Parish, (1999) . Synthesis of some new polysiloxane ligand systems (glycinate) Part II,Asian J. Chem. ,4(11) ,1217. (ISI Cited Publication)

62 R.V.Parish, Issa M. El-Nahhal, H.M. El-Kurd and R. M. Baraka, (1999) . Synthesis of some new polysiloxane ligand systems (iminodiacetate) Part I,Asian J. Chem. .,3(11) ,790. (ISI Cited Publication)

63 Omer S. Nasman, Rajai M. Baraka, A. A. Khaldy and I.M. El-Nahhal, (1997) . Nineteen-membered pentaazamacrocyclic complexes bearing tetramide groups,Transition Metal. Chem. ,(22) ,273. (ISI Cited Publication)

64 Jane Yang, Issa M. El-Nahhal and Gary Maciel, (1997) . Synthesis and solid state NMR structural characterization of polysiloxane-immobilized phosphine, phosphine-amine and phosphine-thiol ligand systems,J. Non-Cryst. Solids, ,(212) ,281. (ISI Cited Publication)

65 J.J. Yang, I.M. El-Nahhal, I. Chuang and G.E. Maciel, (1997) . Synthesis and solid state NMR structural characterization of polysiloxane-immobilized amine ligand systems and their metal complexes,J. Non-Cryst.,.,(209) ,19. (ISI Cited Publication)

66 Issa M. El-Nahhal and Gary E. Maciel; (1996) . Synthesis and solid state NMR structural characterization of some functionalized Polysiloxanes,J. Non-Cryst. Solids,,(204) ,105. (ISI Cited Publication)

67 Issa M. El-Nahhal and Jane Yang, Gary E. Maciel; (1996) . Synthesis and Solid State NMR Structural Characterization of Polysiloxane-immobilized Thiol and Thiol-amine ligands,J. of Non-Cryst. Solids,,(208) ,105. (ISI Cited Publication)

68 I.M. El-Nahhal, G.S. Heaton (1994) . Metal complexes of some 2-nitrosoanilines,Inorg. Chem.Acta ,(223) ,71. (ISI Cited Publication)

69 I.M. El-Nahhal and R.V. Parish, (1993) . Insoluble polysiloxane ligands and their applications III,J. of Organomet. Chem. ,(452) ,19. (ISI Cited Publication)

70 I.M. El-Nahhal, G.S. Heaton and A.M. Jelan; (1992) . Nickel(II) and Palladium(II) Complexes of some orth-quinonemonoximes, A study of the monomer-dimer equilibrium involving the nickel complexes,Inorg. Chem. Acta ,(197) ,193. (ISI Cited Publication)

71 R.G. Pritchard, G.S. Heaton and I.M. El-Nahhal, (1989) . 4,N-Dimethyl-2-nitrosoaniline, Acta Cryst. ,(C45) ,829. (ISI Cited Publication)

72 R.G. Pritchard, G.S. Heaton and I.M. El-Nahhal, (1989) . Bis(4,6-dimethyl-2-nitrosophenylamido)palladium(II)monohydrate,Acta Cryst. ,(C45) , 815. (ISI Cited Publication)

73 Issa M. El-Nahhal and Graham S. Heaton, (1989) . A spectroscopic study of the structure of some 2-nitrosoanilines,J. Chem. Research, ,() ,2355. (ISI Cited Publication)

RESEARCH PROJECTS

(FROM - TO ,PROJECT_TITLE ,ROLE ,SOURCE ,LEVEL)

2009 ,2011	Removal of H2S and other mercaptans from drinks ,Removing of mercaptans from drinks, food and oil. ,Al-Azhar University Gaza-Germany ,International
2009 , till now	Preservation of wood ,Preservation of wood using IDA silane copper(II) complex sol. ,Al-Azhar University Gaza-Germany ,International
2016 ,2017	The production and use of nano metal oxide- coated cotton , Inhibiting the growth of Human and fish pathogens ,Qatar Charity ,National
2011 ,2013	Al MAQDISI PROJECT ,Removal of toxic pollutants from water using functionalized polysiloxane systems ,French Goverment ,National
2009 ,2011	Devlopment of Science Technician Lab ,Improvement of science school lab. ,QIF progect ,International

AWARDS AND RECOGNITIONS

(YEAR ,NAME ,INSTITUTION,LEVEL)

2001 ,DAAD ,Chemnitz, Germany ,National

1995 ,French Goverments joint research grants ,Paris VI & VII ,University

1993 ,Fullbright Scholarship ,Colarado State university, USA ,National

1989 ,British council Grant ,Manchester University ,National

1983 ,Qatar University Scholarship for study PhD ,Manchester University ,National

SUPERVISION

(DEGREE ,CANDIDATES ,THESIS ,SESSION ,YEAR)

Completed

* Master , , , ,
* PHD , , , ,
* Master , , , ,
* PHD ,Fawzi S Kudaih ,Encapsulation of some pH indicators for sensing chemical and biochemical reactions using different surfactants ,2013 ,
* PHD ,Asma Abo-Shauesh ,Preparation of some mesoporous immobilized ligand systems and their applications for extraction of heavy metal ions ,2014 ,
* PHD ,Nizam M. Al-Shgar , Synthesis and characterization of some polysiloxane systems ,2001 ,

EVALUATION ACTIVITIES

(DESCRIPTION ,EVALUTION ,YEAR)

Examiner PhD /Msc Thesis

* Internal and external examiner for several MSc Thesis ,

TEACHING

(LEVEL ,COURSE)

First Degree

* General Chemistry I & II, Inorganic Chemistry I& II, advanced inorganic chemistry, special topics

Post Graduate

* MSc Level: Advanced inorganic Chemistry, Organometalic Chemistry, Structural methods in inorganic chemistry, PhD Level :Spectral structure of inorganic compounds,Synthesis and Physical Methods in Inorganic Chemistry.and Polymer Chemistry: Synthesis and characterization