

Curriculum Vitae:

Dr. Najlaa Saad Oudah AL-Radadi
Assistant Professor of Inorganic Chemistry
Faculty of Science/Chemistry Department
Taibah University
P.O.Box 1693
Al-Madinah Al-Munawarah
Kingdom of Saudi Arabia
nsor26@hotmail.com
Tel: +966-505302644

Academic Qualifications:

1. Bachelor degree in Education and Science of "Chemistry" with an Excellent grade with honors in 1996.
2. Teacher Assistant in Education and Science of "Chemistry" August of 1996.
3. Master Degree of Science in "Inorganic Chemistry" in 2003 with an Excellent Grade and with recommendation to print the thesis on the university expenses.
4. lecturer on 02/03/2004.
5. Ph.D. of science in "Inorganic Chemistry" in 2009 with an Excellent Grade and the GPA of (4.89) with a recommendation to print the thesis on the university expenses.

Administrative Experiences and Committees:

1. Representative for the Faculty of Education for Scientific Sections for Girls in Madinah in the message of girls' colleges previously.
2. Former Head of Supervision on practical education in the Department of Chemistry previously.
3. vice-head of the chemistry department in the academic year 2005.
4. A member in the Physics Control.
5. Diploma in Computer programs from Aljazeera Institute for Computer & Languages for a one year, with an Excellent Grade in 2001.
6. Certificate from the Charitable Society for the memorization of the Holy Quran with an excellent grade for memorizing ten chapters (Ajzaa) of the Holy Quran.

7. Two certificates accredited by King Abdulaziz City for taking care of the talented for her participation for two years (2000-2001) in the Summer Enrichment Program for taking care of the talented.
8. Leader of the cultural activity at the level of the College of Applied Sciences for three years from (2010 to 2012).
9. Certificate for the completion of English language Diploma for full year from (Wall Street) Institute in 2011.
10. Chairperson of the Commission of Security, safety and maintenance of labs at the department of Applied Chemistry in the Faculty of Applied Sciences, for a period of four years from the year (2010 into 2013).
11. A certificate approved by the Deputy of Deanship of Student Affairs for Student Services for my effective participation in the environmental awareness campaign (1), (2) and (3) for three years (2010 into 2012).
12. Member of the committees of measurement and testing capabilities for high school students of the year (2010).
13. A member of the committees of the teachers' competencies test for the year (2012).
14. A member of the committees of the master students English competencies test for the year (2012).
15. Currently, a member of the security, safety and maintenance of labs after joining and merging the Department of Applied Chemistry with the Department of Chemistry in the Faculty of Science of the year (2014).

I had achieved Several Training Courses Including:

- ❖ "Your Talented Kid..How to Make Him Diligent?" Trainer/ Samir Filimban.
- ❖ "Body Language" Trainer/ Asma Khedira.
- ❖ "Toward a Deeper Understanding of the Student and the Teacher personality" by Dr. Tareq Al-Habib.
- ❖ "The Art of Communication" Trainer/ Asma Khedira.
- ❖ "Emotional Awareness" Trainer/ Asma Khedira.
- ❖ "The Art of Containment of Family Problems" by Dr. / Tareq Al-Habib.
- ❖ "Basic Thinking Skills" by Dr. / Saad Al-Amari.
- ❖ "Objective Tests" by Dr. / Zain Alerdadi, Dr. / Khalil Al-Harbi and Dr. / Sharaf Al-Ahmadi.

- ❖ "E-Learning and Tools" by the National Center for Electronic and distance Education by trainer / Manal Al-Dahsh.
- ❖ "A Day in the Houses of the Prophet Mohamed "Peace Be Upon Him" Dr. / Mohammed Al-Dakhil.
- ❖ "Mental Programs in the Educational Process" by Dr. / Saad Al-Amari.
- ❖ "Search Engines" for Deanship of Academic Development at Taibah University by lecturer / Nada Mahrous.
- ❖ "Strategic Planning Skills" for Deanship of Academic Development at Taibah University by Dr./Basma Jastaniah.
- ❖ "Skills of Searching for Information on the Internet" for Deanship of Academic Development at Taibah University by Dr. / Fayza Dessouqi.
- ❖ "Explanation of the System of Websites Hosting to the Staff on the Official Website of the University" by The Second Deanship of E-learning Remotely at Taibah University by trainer / Rehab Shendi.
- ❖ "The Power of Human Energy" by Deanship of Academic Development at Taibah University by Dr./Taghreed Algeledan.
- ❖ "Jusour Electronic Educational system" by Deanship of Distance Education at Taibah University by Dr. / Fadwa Omar.
- ❖ "How to Use the Smart Board" by the Deanship of Distance Learning at Taibah University by Dr. / Aisha Al Amri.
- ❖ "Radiation Protection & Environmental Awareness" by the Deanship of Scientific Research at Taibah University by a group of specialists.
- ❖ "Training Program for Electronic information Services" for Deanship of Library Affairs at Taibah University by a group of specialists.
- ❖ "Intellectual Property" by the university's deputy of works&knowledge creativity with collaboration with the Deanship of Student Affairs for Student Services at Taibah University by Dr. / Ahmed KhadrAttiya.
- ❖ "Family Driving License" by deputy of student services at Taibah University by a group of specialists.
- ❖ "Management of Research Teams" by Deanship of University Development with cooperation with the Deanship of Scientific Research at Taibah University by Dr. / Iman Asiri.

Workshops:

1. Participation in the Prince Nayef bin Abdul Aziz workshop chair to study the Promotion of Virtue and Prevention of Vice at the Islamic University.
2. Participation in a workshop for Saudi Red Crescent Authority entitled "First Aid" at Taibah University.
3. Attending a workshop of the Deanship of University Development titled "Applied Blended Learning for the Teaching Staff" at Taibah University.
4. Attending a workshop for civil defense about "Safety Procedures in the Laboratories" at Taibah University.
5. Attending a workshop entitled "Ways to Avoid the Health Risks of Artwork Tools " by Deanship of Scientific Researches at Taibah University by a group of specialists in (12-13/05/2013).
6. Attending the launch of "Oxygen for the Environment Protection" Club by the Department of Chemistry, Faculty of Science, Taibah University.
7. Attending the launch of "Friends of the Environment" Club at the Faculty of Science at Taibah University.
8. Attending a workshop entitled "Elsevier Databases Training and Publication in an international academic journals ISI" By the Deanship of Scientific Research at Taibah University in (12/3/2015).

Teaching Experiences:

1. I have taught the following courses

Chem 101(theoretical) of the general inorganic chemistry.

Chem 101 (practical) of the general inorganic chemistry.

Chem 4231 (theoretical) of harmonizing chemistry for the fourth chemistry team.

Chem 4231 (practical) of harmonizing chemistry for the fourth chemistry team.

practical course Analytical Descriptive Chemistry for the second chemistry team.

Chem 3131 (theoretical) of the inorganic chemistry (transition elements) for the third chemistry team.

Chem 3131 (practical) of the inorganic chemistry (transition elements) for the third chemistry team.

Chem 221 for the third level.

Chem 222 for the fourth level.

Chem 492 of the requirements for bachelor's degree in chemistry.

Chem 621 for the master.

Chem 695 for the master.

Research published:

1-"Synthesis and characterization of some new binary and ternary Cu^{II} complexes"

N. S. Al-Radadi , S. M. Al-Ashqar and M. M. Mostafa . Synthesis and Reactivity in Inorganic, Met-Org and Nano-Metal Chem., 41, 1, 2011.

2-"Synthesis and characterization of some novel macrocyclic Ni^{II} complexes"

N. S. Al-Radadi , S. M. Al-Ashqar and M. M. Mostafa . J. Incl. Phenom Macrocycl Chem., 69, 157 , (2011) .

3-"Synthesis and characterization of new binary and ternary palladium and platinum complexes affective to antitumor"

N.S.Al-Radadi¹,.R.M. Ramadan². European Scientific Journal, 2014,10, 1857 – 7881.

4-"New Square-Pyramidal Oxovanadium (IV) Complexes Derived from Polydentate Ligand (L1)"

Azza A. Hassoon¹, Najlaa S. Al-Radadi², Nagwa Nawar¹, Mohsen M. Mostafa^{1*}. Open Journal of Inorganic Chemistry, 2016, 6, 23-65

5- "Analytical, Spectral, Thermal and Molecular Modeling Studies of Hg²⁺-2,3Butanedionemonoxime Girard's T Hydrazone Complex and Its Application"

Najlaa S. Al-Radadi¹, Magda M. Akl², Mohamed A. Elbeshlawi², Mohsen M. Mostafa^{2*}. Open Journal of Inorganic Chemistry, 2016, 6, 1-14

6-"Nano Optical Sensor Binuclear Pt-2-pyrazinecarboxylic acid –Bipyridine for Enhancement of the Efficiency of 3-Nitrotyrosine Biomarker for Early Diagnosis of Liver Cirrhosis with Minimal Hepatic Encephalopathy"

M.S. Attia, Najlaa S. Al-Radadi. Biosensors and Bioelectronic, 25 June 2016.

7-"Progress of Pancreatitis Disease Biomarker Alpha Amylase Enzyme by New Nano Optical Sensor"

M.S. Attia, Najlaa S. Al-Radadi. Biosensors and Bioelectronic, 29 June 2016.

Research under publication:

1. "Synthesis, Characterization and Anticancer Activity Studies of Gold(III), Platinum(II), Palladium(II) and Ruthenium(III) Complexes with Girard-T Reagent". Najlaa S. Al-Radadi*
2. "Synthesis, characterization and anticancer activity studies of Au³⁺, Pt²⁺, Pd²⁺ and Ru³⁺ complexes of hydrazones derived from 2-hydroxyacetophenone (L₁) and 2acetylthiophene (L₂) with Girard's P". Najlaa S. Al-Radadi*

3. "An Eco-friendly Synthesis of Platinum Nanoparticles and their Applications on The Cancer Cell Treatments" Najlaa S. Al-Radadi*, Eman H. Ismail.
4. "Green Synthesis of Gold and Silver Nanoparticles Using Saudi's Dates Extract and Their Biological Applications" Najlaa S. Al-Radadi*, Abeer N. Al-youbi.

As a referee for :

1. A research project number (434-036) submitted to the Deanship of Scientific Research at the University of the Northern Border titled "Preparing of Advanced Types of Bio Glasses in Order to be Applied as a Vitality Properties Materials in Compensatory Surgeries".
2. A research project No. 6 and provided one of the students at the University of taibahu fifth scientific conference in Riyadh(2014).
3. A research project No. 3 and provided one of the students at the University of taibahu sixth scientific conference in Jeddah (2015).
4. Master Thesis entitled " A Novel Green Synthesis of Magnetite and platinum Nanoparticles Using Malvaceae Plant Extract and their Effect on The Tumor Cell Reproduction" (2015).
5. Master Thesis entitled "Green Synthesis of Gold and Silver Nanoparticles as well as their Anticancer Applications" (2015).
6. A research project number (39-36- TA) submitted to the King Abdulaziz City for Science and Technology at the University of the King Khaled titled "Discovery and Development of Novel Promising Anticancer and Antimicrobial Agents using Biological and Chemical Transformations of Phenolic Ligands in Ionic Liquids "(2015).

participation in Conferences:

- Taibah's conference for International Chemistry for the year 2009 at Madinah with a poster of a search entitled "Synthesis and Characterization of some new complexes and biologically active ions with some transition elements".
- a conference on "Higher Education for Girl .. Dimensions & Expectations" during the period (11-13/01/2010) at Taibah University in Medina.
- "Fourth Saudi Science Conference" during the period (22-25/03/2010) at Taibah University.

- "The Role of Arab Universities in Promoting the Principle of Moderation among the Arab Youth" during the period (7-11/03/2011) at Taibah University.
- E-Learning forum on (19/02/2011) at Taibah University.
- "the English Language in the Preparatory Year Program" during the period (11-13/04/2011) at Taibah University.
- "Continuing Education and the Challenges of the Knowledge Society" during the period (07-09/02/2012) at Taibah University.
- The second E-Learning forum on (15/02/2012) at Taibah University.
- Attending the first Taibah University International conference of computing and information technology during the period (13-15/03/2012) in Madinah.
- Attending the Fourth Forum for graduates from Saudi universities from Europe, the Americas and Australia, entitled "Dialogue on the invitation of minorities" on (29/04/2013) at Taibah University.
- Attending Taibah University award for Excellence in Research (07/05/2013).
- Attending the Fourth Forum of the Scientific Rooting Committee entitled "Source of Knowledge" during the period (09-10/05/2013) at Taibah University.
- Attending the twenty-fourth conference of the Arab Union for Libraries and Information "Profession and Studies of Library and Information: Reality and Future Trends" during the period (27-28/11/2013) at Taibah University.
- Attend the University of Taibah International entitled "to use information technology to serve the Holy Quran" in the period (19-22/1/2014) .
- Attending a conference on "Women's Rights in Islam" during the period (28-29/2/2014) at the University of Taibah.
- Participate in Forum science in our lives in our working paper entitled "platinum and palladium complexes and their impact on genotoxicity" from (24-25/3/2014) at the University of Taibah.
- Participate in Second Chemistry Symposium "Modern Trends in Chemistry" with a poster of a search entitled "Synthesis and characterization of new binary and ternary palladium and platinum complexes affective to antitumor"

- Attending for the training programs "Elsevier Databases Training and Publication in an international academic journals" which was held on (12/4/2015 at the University of Taibah.
- I got a patent for "Novel bioactive complexes of palladium and platinum derived from some macrocyclic ligands and their impact on gentoxcity" in 21/2/2016 from Saudi Patent Office at (KACST).