



استمارة بيانات عضو هيئة التدريس

General Information:

Name	Dr. Nabil Abdurakeb Farhan Alhemiary.	Department	Chemistry
Staff position	Associate Professor	Nationality	Yemeni
Phone	00966545779642	Email	nafarhan@nu.edu.sa
Specialization	Chemistry	Area of Specialization	Analytical chemistry

Education History:

Certificate	Date	Country	University	Study Theme
B. SC. In Chemistry	1995	Yemen	Suez Canal University	4 Year Study
M. SC. Degree in Analytical Chemistry	2001	Iraq	University of Mustansiriyah	1 Year courses & Thesis
Ph. D. degree in Analytical Chemistry	2004	Iraq	University of Mosul	1 Year courses, comprehensive exam & Thesis

Grade:

Title	Date	University	Country	Study Theme
Demonstrator of Chemistry	1996	Ibb University	Yemen	After B. SC. Degree
Lecturer of Analytical Chemistry	2001	Ibb University	Yemen	After M. SC. Degree
Assistant Professor of Analytical Chemistry	2004	Ibb University	Yemen	After PH. Degree
Associate Professor of Analytical Chemistry	2010	Ibb University	Yemen	Publication of Research
Associate Professor of Analytical Chemistry	2012	Najran University	Kingdom of Saudi Arabia	By contract

Teaching Courses:

Courses Name	Teaching Year	Note
General Chemistry (1)	From 2005 to 2008	Chemistry Department, faculty of science, Ibb University.
		Chemistry Department, faculty of Education , Ibb University.
General Chemistry (2)	From 2006, 2009 and 2010	Chemistry Department, faculty of science, Ibb University.
		Chemistry Department, faculty of Education , Ibb University.
	From 2012 to 2013	Chemistry Department, Faculty of Science and Arts (sharourah) , Najran University.
Volumetric of Analytical Chemistry	From 2005 to 2010	Chemistry Department, faculty of science, Ibb University.
		Chemistry Department, faculty of Education , Ibb University.
Gravimetric of Analytical Chemistry	From 2007 to 2011	Chemistry Department, faculty of science, Ibb University.
		Chemistry Department, faculty of Education , Ibb University.
Instrumental Analysis	From 2005 to 2009	Chemistry Department, faculty of science, Ibb University.
	From 2005 to 2009	Chemistry Department, faculty of Education , Ibb University.

	From 20012 to now	Chemistry Department, Faculty of Science and Arts (sharourah) , Najran University.
Quantitative Analytical Chemistry	From 2012 to 2013	Chemistry Department, Faculty of Science and Arts (sharourah) , Najran University.
General Chemistry of non chemists	From 2006 to 2010	Biology Department, faculty of science, Ibb University.
Analytical Chemistry of non chemists	From 2006 to 2011	Microbiology Department, faculty of science, Ibb University.
spectral analysis Methods	From 2010	Chemistry Department, faculty of science, Ibb University.
Electro analysis Methods	From 2011	Chemistry Department, faculty of science, Ibb University.
Solvent Extraction	From 2011	Chemistry Department, faculty of science, Ibb University.
Chromatographic Separation Methods	From 20010 to 2011	Chemistry Department, faculty of science, Ibb University.
Pharmaceutical analysis	2006	faculty of Pharmacy, Science Applied University. Ibb
Pharmaceutical calculations	2006	faculty of Pharmacy, Science Applied University. Ibb
Biology	From 2013 to 2014	Chemistry Department, Faculty of Science and Arts (sharourah) , Najran University.
Environmental Chemistry	From 2009 to 2011	Chemistry Department, faculty of science, Ibb University.
		Chemistry Department, faculty of Education , Ibb University.

Publication at the University:

1. Alqudami,A . **Alhemiary, N. A** and Munassar,S., Removal of Pb(II) and Cd(II) ions from water by Fe and Ag nanoparticles prepared using electro-exploding wire technique. Environ Sci Pollut Res, DOI: 10.1007/s11356-012-0788-1. Published online: 17 Feb 2012.
2. Hassan, H · **Alhemiary, N. A** and Albadani, A. S., Kinetics of Oxidation of dl-Tartaric Acid by Potassium Permanganate in Aqueuos and Aqueous Micellar Media, Arab J Sci Eng, DOI 10.1007/s13369-012-0242-1. Published online: 11 April 2012.

3. **Alhemiary, N. A.**, Spectrophotometric Determination of Tinidazole Using Promethazine and Ethyl Vanillin Reagents In Pharmaceutical Preparations, Der Pharma Chemica, DPC-2012-1718, 4(4), 2012.
4. Alqudami,A . **Alhemiary, N. A** and Munassar,S., The Sorption Properties Of Exploding Wire Prepared Ag, Fe and ZnO Nanopartical for Nitrite Removal from water; The International Journal of Material Science (IJMSCI), 3(1), 30-18-25, 2013.
5. **Alhemiary, N. A.**, Derivative Spectrophotometric and HPLC Validated Methods for Simultaneous Determination of Metformin and Glibenclamide in Combined Dosage Form. Oriental Journal of Chemistry,30(4), 2014
6. **Alhemiary, N. A.**, Abdu, B.Y and Ali, S. M., Study Accumulation of Lead and Cadmium in Blood and urine Chewing of Khat in some areas of Jbb Governorate. (under published).

Publication outside University:

- 1) 1- Albayati, R. I., Barbooti, M.M & **Alhemiary, N.A.**, Determination of some thiosemicarbazoe derivatives by amplification reaction methods ; Iraqi .J. of Chem, (2002), 28(1), 149-156.
- 2) Albayati, R. I., Barbooti, M.M & **Alhemiary, N.A.**, Spectrophotometric determination of some thiosemicarbazone derivatives via copper complex formation; Iraqi. J. of Chem, (2002) , 28(4).927-935.
- 3) **Alhemiary, N.A** & Alnozyli, M. N., Spectrophotometric microdetermination of folic acid in pharmaceutical tablets oxidative via ceaction with P- aminophenol in the presence of potassium iodate ; The University Researcher, (2006), 10,53-60.
- 4) **Alhemiary, N.A.**, Spectrophotometric determination of cefotaxime and ceftriaxone in vials by oxidative coupling; The University Researcher,(2007),14-15, 63-70.
- 5) Abeed, F.A& **Alhemiary, N. A.**, Electrochemical Study of the oxidation of bromide by rotating disc voltammetry in the hydrous acetic acid; TheUniversity Researcher, (2008)18, 67-74.

- 6) Al-Hakimi, A.N., Al-Nozili, M.N, & **Alhemiary, N.A.**, Synthesis and characterization of metal complexes of tridentate and hexdentate hydrazone ligands containing antipyrine moiety ; University Researcher, (2009)21, 113-120.
- 7) **Alhemiary, N.A.**, Study the effect of the water treatment plant sanitation of the city of Ibb on chemical pollution of the waters of some wells located in the basin of the Valley orphanage. Book publication of the Second International Conference of Minia the environment and community development in Third World countries. Minia, Egypt, 2-3 March 2009.
- 8) **Alhemiary, N.A.**, **Soliman, S. T.**, Anodic stripping voltammetry by using carbon paste electrode for determination of trace some heavy metals and application of treated wastewater and natural water; Univ. Aden. J. Natu. Appl. Sci. (2010).14 No(1).
- 9) Alduoas, M.A., **Alhemiary, N. A.**, The effect of hemodialysis on lipid profile in Yemeni patients with chronic kidney disease. The University researcher Journal(2010) 25,24-30.
- 10) Mutiair.A.A., Al-Hakimi, A. N and **Alhemiary, N.A.**, Determination of iron,zinc, copper, cadmium and lead in different cigarette brands in Yemen by atomic absorption spectrometry. Egypt. J. Anal. Chemistry (2010) 45,
- 11) **Alhemiary, N.A.**, Alduais, M.A. Wassel. A.A & Mutair, A.A., Anodic stripping voltammetry determination of Lead, Cadmium , Zinc, and Copper in blood children in Ibb governorate, Yemen. J. Iran. Chem. Res. 4 (2011) 9-16.

Administrative Tasks:

Administrative Positions

- 1- Coordinator of the Department of Chemistry - Faculty of Science and Arts Sharourah - Najran University, Saudi Arabia from 20/11/2011 to now.
- 2- Vice Dean of Faculty of Science, University of Ibb 30/5/2010.
- 3- Associate Professor, Department of Chemistry, Faculty of Science , University of Ibb, 23/5/2010.
- 4- Head Department of Chemistry, Faculty of Science and the Faculty of Education , University of Ibb. (23 / 1 / 2008 – 30/5/2011).
- 5- Head Department of Laboratory, Faculty of Science , University of Ibb.(7 / 12 / 2005 – 23/1/2008).

Activities in Development and Quality of Higher Education

1. Head of Executive Officer team for the study of the opening of the Faculty of Health Sciences at Sharourah, within the strategic plan of the University of Najran projects second phase 1434-1435h (2013-2014m)
2. Head of the Executive team to study the establishment of the Faculty of Health Sciences Bashrorh within the strategic plan of the University of Najran projects first phase 1433-1434 AH (2012-2013m).
3. Member of the project team a comprehensive system to assess and improve the performance of the follow-up of faculty and administrative leaders, within the strategic plan of the University of Najran second phase projects 1434-1435h (2013-2014m).
4. Member of the project team to establish a system to verify that the target program learning outcomes, within the strategic plan of the University of Najran projects second phase 1434-1435h (2013-2014m)
5. Member of the Supreme Committee for the follow-up and implementation of development activities, restructuring of the College of Arts and Sciences in Sharourah to meet the needs of the community and the requirements of the university - Najran University, within the strategic plan of the University of Najran first phase projects 1433-1434 AH project (2012-2013m).

6. Member of the executive team for a project to provide an effective means of communication and communication between the two sections for men and women within the strategic plan of the University of Najran projects second phase 1434-1435h (2013-2014m).
7. Member of the executive team for the construction of HUAU the Faculty of Arts and Sciences in Sharourah within the strategic plan of the University of Najran first phase projects 1433-1434 AH (2012-2013m).
8. Member of the executive team to project a recent study of the needs of society and the Faculty of Arts and Sciences in shrourah labor market, within the strategic plan of the University of Najran projects first phase 1433-1434 AH (2012-2013m).
9. Member of the Promotion Committee, Faculty of Arts and Sciences in Sharourah - Najran University for the academic year 1433-1434 AH (2012-2013).
10. Member of the Committee on Education and Learning Development and Quality Unit, Faculty of Science and Arts in Sharourah - Najran University for the academic year 1433-1434 (2012 - 2013) until now.
11. Member of the Committee of Internal Audit Unit, Faculty Development and Quality Alaloumouladap in Sharourah - Najran University for the academic year 1433-1434 (2012 - 2013) until now.
12. Head of the Committee review the results of the examinations at the Faculty of Arts and Sciences for the academic year in Sharourah 1434-1435h (2013-2014m)
13. Head of the electronic correction, Faculty of Arts and Sciences in Sharourah - Najran University for the academic year 1434-1435 AH (2013-2014) until now.
14. Member of the committee preparing the annual report of the College of Arts and Sciences for the year 1433-1434 AH in Sharourah (2012-2013m).
15. Head of Program Committee and Accreditation Department of Chemistry - Faculty of Arts and Sciences in Sharourah - Najran University for the academic year 1432-1433 (2011 - 2012) until now.
16. Head of the Committee for Development and Quality, Department of Chemistry - Faculty of Arts and Sciences in Sharourah - Najran University for the academic year 1432-1433 (2011 - 2012) until now.
17. Member of the Scientific Committee of Chemistry - Faculty of Arts and Sciences in

- Sharourah - Najran University for the academic year 1432-1433 Department (2011 - 2012) until now.
18. Member of Strategic Planning Committee of the College of Arts and Sciences, in Sharourah - collectors Najran 1433 AH - 2012 AD
 19. - Chairman of the Technical Committee to analyze the tender chemistry labs equipment Offers Chemistry Faculty of Arts and Sciences in Sharourah Department - University of Najran 1433 AH - 2012 AD.
 20. Head of the development plans and programs of Chemistry - Faculty of Arts and Sciences in Sharourah - Najran University for the academic year 1432-1433h Department (2011-2012) until now.
 21. Head of the Committee for Education, Department of Chemistry, College of follow-up of Arts and Sciences in Sharourah - Najran University for the academic year 1432-1433h (2011-2012) until now.
 22. - Head of the Committee enumerate the graduate program of the Faculty of Science, Department of Chemistry - Ibb University, 2010.
 23. Head of the Committee for Academic Development of the Department of Chemistry, Faculty of Science in 1433 and until now.
 24. Head of the Committee to prepare a draft open divisions and vital Industrial Chemistry - Faculty of Science, 2010 Department.
 25. Member of the Preparatory Committee for the First International Conference on Environment EP (Environmental Science and Technology), 2010.
 26. Head of the Commission on the Status feminization of the Faculty of Science Ibb University coefficient 2009 specifications.
 27. Head of the Committee to prepare a draft open a Center for Continuing Education, Faculty of Science, 2009.

Symposia Workshops (trainer / trainee):

1. The workshop entitled (Methods and techniques teaching and learning), Development and Quality Unit - Faculty of Arts and Sciences in Shrourah - Najran University 2-3 / 2/1436 H (23-24 / 11/2014).
2. Training course entitled (Measuring learning) outcomes, and Skills Development Unit, Deanship of Development and Quality Unit - Najran University 15-16 / 2/1435 H (18-19 / 12/2013).
3. Training course entitled (Preparation of training bags and design), Deanship of Community Service and Continuing Education, University of Najran 13-20 / 6/1435 H.
4. Training course entitled (Preparation of the self-study report), Faculty of Arts and Sciences in Shrourah- Najran University 25 - 26/12 / 1434H.
training course entitled (Quality standards in teaching and learning), Faculty of Arts and in Shrourah- Najran University 6-7 / 5/1434 H.
5. Training course entitled (quality standards in community service), Faculty of Arts and Sciences in Shrourah- Najran University, 12/24/1434 H.
6. Training course entitled (Project of the institutional and programmatic accreditation), National Commission for Academic Accreditation in conjunction with the Vice President for Development and Quality - Najran University 23-24 / 1434 H.
7. Training course entitled (Active learning), Faculty of Arts and Sciences in Shrourah - Najran University 06/05/1435 H.
8. Training course entitled (Preparation and design standards the new achievement tests), Faculty of Arts and Sciences in Shrourah - Najran University 04/27/1435 H.
9. Training course entitled (Project Management for the Strategic Plan), Agency for Development and Quality - Najran University 28-29 / 12/1433 H.
10. Training course entitled (Modern trends in teaching), Faculty of Arts and Sciences in Shrourah , Najran University , 6-7 / 1434 H.
11. Training course entitled (Using modern technology in teaching), Faculty of Arts and Sciences in Shrourah , Najran University, 8-9 / 1434 H.

12. Training course under the title (Strategic Planning), Faculty of Arts and Sciences in Shourah, Najran University, 12/19/1432 H.
13. Training course entitled (Academic standards for educational programs), Faculty of Arts and Sciences in Shourah, Najran University, 04/01/1433 H.
14. Training course entitled (An effective manager skills), Agency for Development and Quality - Najran University 17-18 / 1/1433 H.
15. The workshop entitled (Steps on the road of credit), Faculty of Arts and Sciences in Shourah, Najran University, 06/04/1433 H.
16. The workshop entitled (the information sources and digital library at the University of Najran), Faculty of Arts and Sciences in Shourah, Najran University, 07/21/1433 H.
17. Training course entitled (Academic Development for faculty members at the University of Ibb), the Ministry of Higher Education and Scientific Research Yemen 19-21 / 6/2007
18. Training course titled in (Quality and academic accreditation), Faculty of Science - Ibb University 2009.
19. Training course entitled (Quality and academic accreditation), Faculty of Arts and Sciences in Shourah 15 to 16 January 2012.
20. The workshop entitled (How to Preparation of Vision, Mission and objectives of the department , College and University), Faculty of Arts and Sciences in Shourah - Najran University. 3 to 4 December 2011.
21. The workshop entitled (Specification of Courses), Faculty of Arts and Sciences in Shourah - Najran University 02/02/1433 H.
22. The workshop entitled (Specification program), Faculty of Arts and Sciences in Shourah - Najran University 02/02/1433 H.
23. The workshop entitled (Environmental analysis), Faculty of Arts and Sciences in Shourah - Najran University in January 2012.
24. The workshop entitled (Strategic planning), Faculty of Arts and Sciences in Shourah - Najran University April 2012.
25. Training course entitled (and the means and methods of teaching in higher education), the British Council in coordination with the Department of Academic Development - Taiz University 1-3 / 8/2009.

26. The workshop entitled (curriculum development for the Faculty of Science), Ibb University 13-14 / 42 005.

27. The workshop entitled (curriculum development of for the College of Education), Ibb University 20-21 / 4/2005.

Training courses in field of specialization (trainer / trainee) :

- 1- Training course titled (**Statistical Analysis Using the SPSS program**), unit Development and Quality Unit, Faculty of Science and Arts in Shrourah, Najran University 26-28 / 11/1435 AH (21-23 / 9/2014).
- 2- Training course entitled (**Using Atomic Absorption Spectrometer device program and estimation of trace elements**) Department of Chemistry - Faculty of Science - Ibb University, 2006.
- 3- Training course titled (**Spectrophotometer device**) by K.I. ABDULKADIR & PARTNERS CO.LTD., Faculty of Sciences and Arts (Sharourah) - Najran University, 11-13 / 4/1435 AH .
- 4- Training course titled (**Use Voltammeter devic model Metorhm VA 797**) by a by Alnizak Com agent Metrhom company in 2013.
- 5- Training titled (**Lumina fluorescence Spectrometer and Luminous Software**) , by Alnizak Com agent company Thermo Scientific, Faculty of Sciences and Arts (Sharurah), Najran University, 12-14/7/1434 AH. (Trainer)
- 6- Participated and undergone the operation training on **ultraviolet visible spectroscopy device**, by AL-SAKB CO.LTD, Faculty of Sciences and Arts (Sharurah) , Najran University, 22-24 / 5/2013.

Scientific Councils:

- Member of Department of Chemistry Council, Faculty of Science and Arts, Najran University from November 2011 and to date.
- Member of Academic Council in University of Ibb (12/5/2011-15/9/2011).
- Member of the Chemistry Department, Faculty of Science , University of Ibb, (24.11.2004 –15/9/2011) .
- Member of the Faculty of Science, University of Ibb, (7 / 12 / 2005–15/9/2011)
- Member of the Faculty of Education, University of Ibb, (23 / 1 / 2008 –15/9/2011)

Research projects unfunded:

1. project to use derivative spectrometer and high performance chromatography for the simultaneous estimation of metformin and Glibenclamide in which a mixture of sample and verified. Project funded by the Scientific Research - University of Najran 2013-2014.
2. Project treatment water pollution using nanotechnology. Find won the award for the President of the Research supported by the Ministry of Higher Education and Scientific Research of the Year 2009.
3. Project Study the accumulation of lead and cadmium in blood and urine drug users of khat in Ibb. Find funded by the University and the province of Ibb 2010.
4. Project study the accumulation of lead and cadmium in the blood and the generation of abusers of khat in Ibb research funded by the Governor of Ibb and head of Ibb University in 2010

Languages:

- Arabic (basic language)
- English (secondary language)

Conferences

1. Second International Scientific Conference of the environmental, South Valley University, Egypt, 28-30 Marche 2006.
2. - Second International Conference Minya Environment and Community Development, Minia University, Egypt. 2-3 March 2009.
3. First Conference on Environment , University of Dhamar, Yemen, 18-19/3/2009
4. Sixth Scientific Conference of the Assembly of Life Sciences, University of Taiz, Yemen, 21-22/11/2009.
5. First Annual International Conference – Ibb2010, Environmental Science and Technology, Ibb University, Yemen. 1-3 August 2010.
6. 25Th Meeting of the Saudi Biological Society Titled: nanotecnolgy in Life Sciences, King Faisal University Al-ihsaa, Saudi Arabia 11-13 May 2010.
7. Seventh Scientific Conference of the Yemeni Biological Society, Sana'a- Yemen, 28-29 September 2010.

Published Books

- Spectral and Electrical of Chemical Analysis., 2009, Damascus Printing & Publishing , Ibb, Yemen.
- Foundations of General Chemistry. , 2009, Damascus Printing & Publishing , Ibb, Yemen.
- Volumetric Analysis Practical., 2009, Damascus Printing & Publishing , Ibb, Yemen.

Supervision of Extracurricular Activities:

- Supervision of the exhibition Chemistry my life, Faculty of Arts and Sciences in Sharourah - Najran University 1-2 / 7/1435 AH
- Head of the team for the specification of equipment for the laboratories of chemistry (chemical materials, devices, tools) Chemistry Faculty of Arts and Sciences in Sharourah - Najran University 2010 .
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Arbitration of research

- Member of the Jury Prize for president of the republic for young people in the natural sciences in 2009.
- Member of the Jury Prize for president of the republic for young people in the natural sciences in 2010.
- Arbitration in the Arab Research Journal of Chemistry journal Arabian J chemistry of the Union of Arab Chemists.
- Arbitration Research in the Journal of university researcher Court of The University Researcher of the University of Ibb - Yemen.
- Arbitration Journal of Life Sciences Research Journal Yemeni Association Yemeni Biological Society.

Arbitration of Scientific Upgrade:

Arbitration scientific upgrade of Tafila Technical University - Jordan

Awards and Recognition:

- President of the Republic of the research supported by the Ministry of Higher Education and Scientific Research of the Year 2009 for research, Treatment Water Pollution by Nanotechnology.
- Certificate of Merit President of Ibb University to contribute preparation of the First Annual International Conference of the environment (Environmental Science and Technology), Ibb University, 1 to 3 August 2010.

Other Experience:

- Studies of environmental pollutants on water and biological components.
- Analysis of drugs and toxins.
- Lecturer at the toxic chemicals
- Lecturer in the risk of chemical contaminants.
- Lecturer in occupational safety.

- Supervision of project research there were 8 Research.

Technical Skills:

- Analysis by Atomic Absorption Spectroscopy.
- Analysis by Voltammeter. (797 CVS Meterhm).
- Analysis by Spectrophotometer.
- Lumina fluorescence spectrometer and luminous software. (Thermo scientific).
- E-Learning.
- Experience with PC system. Software packages experienced with using are:
 - Internet web sit.
 - Microsoft Office (includes Word, Excel, PowerPoint,) and Windows.
 - Drawing programs (ISIS Draw, Chem office Draw, CS Chem Draw).