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<https://scholar.google.com/citations?user=3dLyJRQAAAAJ&hl=ar&oi=ao>

<https://www.researchgate.net/profile/Rasha-Jame>

<https://independent.academia.edu/RashaMAalmostfaJame>

### **Education:**

**Ph.D.** [Biochemistry, faculty of chemical and food technology, Slovak University of technology in Bratislava, 13-10-2011].

**M.Sc.** [Organic Chemistry, faculty of chemical and food technology, Slovak University of technology in Bratislava, 5-6-2006].

**B. Sc.** [Chemistry - Biology, faculty of education, University of Dalanj, 19-5-2001].

### **Languages:**

Arabic Languages

English Languages

Slovak Languages

### **Professional Experience:**

\* **University of Dalanj, 2001-2015, Sudan:** Assistant Professor 13/10/2011 - Lecturer 5/6/2006-Teaching assistant 9/2001.

\***University of Tabuk, Tabuk, Saudi Arabia:** Assistant Professor 15/11/1436 - 1/3-1446H

**\*University of Tabuk, Tabuk, Saudi Arabia:** Associate Professor (organic chemistry)

2/3/1446 H

**1. Experience at University of Dalanj:**

- 1) A member of the teaching of undergraduate (Bachelor's) students for the following courses:
  1. Fundamentals of organic chemistry
  2. Organic chemistry (Reaction mechanism)
  3. Organic chemistry (Bioorganic )
  4. Biochemistry (1)
  5. Biochemistry
  6. Applied chemistry
- 2) Supervision of bachelor's research in chemistry (4 students).
- 3) Supervision of master's research in chemistry (3 students).
- 4) A member of the teaching of postgraduate ( higher diploma in chemistry) courses
  1. Organic reactions mechanism
- 5) A member of the teaching of postgraduate (master of chemistry) courses
  1. Advanced organic chemistry
- 6) Member of the Graduation Projects Jury for Master of Chemistry students.

**2. Experience at University of Tabuk:**

- 1) A member of the teaching of organic chemistry and other branches of chemistry – undergraduate (Bachelor's) students for the following courses:
  1. Chemistry of Dyes (Theoretical)
  2. Chemistry of Polymers (Theoretical)
  3. Chemotherapy (Theoretical)
  4. Fundamental of organic chemistry 1 (Theoretical)
  5. Fundamental of organic chemistry 2 (Theoretical)
  6. Organic chemistry (Theoretical)
  7. Chemistry of heterocyclic compounds (Theoretical)
  8. Analysis of industrial products (Theoretical)
  9. Technology of Anti-corrosion Coatings (Theoretical)
  10. General chemistry – preparation years (Theoretical)
  11. General chemistry (1) (Theoretical)

12. Organic reaction mechanism (Theoretical)
  13. Spectroscopy of organic compound (Theoretical)
  14. Surface Chemistry, Catalysis and Colloids (Theoretical)
  15. Research project
  16. Site Training
  17. Practical Inorganic Chemistry
  18. Corrosion of Metals and Controlling the Corrosion Phenomenon (Theoretical)
  19. Spectroscopy of organic compound (Practical)
  20. Fundamental of chemistry (practical)
  21. Fundamental of organic chemistry (1) (practical)
  22. Fundamental of organic chemistry (2) (practical)
  23. General chemistry (1) (practical)
  24. General chemistry (2) (practical)
  25. Organic chemistry (Practical)
- 2) A member of the teaching of undergraduate (Intermediate diploma) students for the following courses:
1. Organic chemistry (1) (Practical)
- 3) A member of the teaching of postgraduate (higher diploma in waste management) courses
1. Waste to energy (Theoretical).
  2. Hazardous and nonhazardous liquid waste (Theoretical).
  3. Hazardous and nonhazardous liquid waste (Practical).
- 4) Faculty member for graduate students (MSc in Chemistry) for the following courses:
- 1- Spectra of advanced organic compounds
- 4) Supervision of bachelor's research in chemistry (75 students).
- 5) Member of the Graduation Projects Jury for Bachelor of Chemistry students.

### **Accepted research articles for publications in Refereed Journals**

1. Rasha M. Almostfa Jame, (2024) Synthesis, photophysical properties, and molecular docking studies of new nitropyridine linked 4-arylidene-thiazolidin-4-ones (D- $\pi$ -A structured) as potent anticancer agents, Russian Journal of Organic Chemistry, <https://publish.pleiadesonline.com/article-dashboard/RJOC?lang=en>

## **Publications in Refereed Journals**

1. Alkorbi, F., Abdelaziz, M. A., Mazi, W., Omer, N., **Jame, R.**, Gad, M. A., ... & Ali, A. M. (2024). DESIGN, SYNTHESIS OF NOVEL SCHIFF BASES AS POTENTIAL INSECTICIDAL AGENTS AGAINST SPODOPTERA FRUGIPERDA (LEPIDOPTERA: NOCTUIDAE). *Bull. Chem. Soc. Ethiop*, 38(3), 000-000.
2. **Rasha Jame**, Synthesis, photophysical properties, anticancer evaluation, and molecular docking studies of new pyrimidine linked 4-arylidene-thiazolidin-4-ones as potent anticancer agents, *Luminescence*, 39(1)2024.
3. Saleh, F.M., Gattan, H., Al-Ahmadi, B.M., Shater, A.F., Mohammedsaleh, Z.M., Omran, A.M., **Jame, R.**, Omer, N., Al-Awthan, Y.S., Alhathli, E.M. and Al-Shehri, H.S., 2023. Characterization of silver sulfide nanoparticles from actinobacterial strain (M10A62) and its toxicity against lepidopteran and dipterans insect species. *Green Processing and Synthesis*, 12(1), p.20230147.
4. Tariq, K., Nazir, A., Itrat, N., Alatawi, M. S., Özbilici, D., **Jame, R.**, & Omran, A. M. (2024). INVESTIGATION OF CHEMICAL COMPOSITION AND THERAPEUTIC POTENTIAL OF CAESALPINIA CRISTA POWDER IN DIABETIC MALE PATIENTS. *Journal of Population Therapeutics and Clinical Pharmacology*, 31(1), 191-198.
5. Mustafa, Syed Khalid, **Rasha Jame**, Meshari MH Aljohani, Noha Omer, Ali Hamzah Alessa, Menier Al-Anazi, Fatimah A. Alotaibi, Matiur Sk, Maidul Islam, and Sonam Shakya. "Synthesis, spectrophotometric, pharmacology and theoretical investigation of a new electron transfer complex of 8-hydroxyquinoline with oxalic acid in different polar solvents." *Journal of Biomolecular Structure and Dynamics* (2023): 1-13.
6. OMER N, ATTA SA, **JAME R**, ALOTAIBI FA, AL-TWEHER JO, AL-AOH HA, SULIMAN ZE, MUSTAFA SK. Effect of Frying and Reheating Processes on the Fatty acids and Antioxidants of Commonly Used Cooking oils in the Arabian Region: A Comparative Study. *Oriental Journal of Chemistry*. 2023 Oct 1; 39(5).
7. Khan ZU, Assad N, Naeem-ul-Hassan M, Sher M, Alatawi FS, Alatawi MS, Omran AM, **Jame RM**, Adnan M, Khan MN, Ali B. Aconitum lycoctonum L.(Ranunculaceae) mediated

biogenic synthesis of silver nanoparticles as potential antioxidant, anti-inflammatory, antimicrobial and antidiabetic agents. *BMC chemistry*. **2023** Sep 28;17(1):128.

8. **Rasha Jame**, Boris Lakatoš, Ludovit Varečka, Suitability of Organic Waste Materials for Biohydrogen Gas Production, *International Journal of Innovative Research in Sciences and Engineering Studies* (IJIRSES), **2022** :2(9) 10-15.
9. **Jame, R.**, Alaysuy, O., Omer, N., Alatawi, N. M., & Elsaid, M. H. Production of Bio-methane Gas as Renewable Energy Source-A Review. *Journal of Energy, Environmental & Chemical Engineering*, **2021**; 6(4), 124.
10. Mawia Hassan Elsaid, **Rasha Jame**, Yahya Ali, Investigation of Heavy Metal Contents in Cow Milk Samples from Area of Merowe-Sudan, *American Journal of Mechanics and Applications* **2020**; 8(1): 21-24.
11. **Rasha Jame**, Phytochemical and Pharmacological Uses of *Acacia Nilotica* - A Review, *International Journal of Bioorganic Chemistry*, 2018; 3(2): 6-10. doi: 10.11648/j.ijbc.20180302.11.ISSN: 2578-9384 (Print); ISSN: 2578-9392 (Online). Published: February 18, **2019**.
12. Mawia Hassan Elsaid<sup>1</sup>, Aisha Abd Elrhman<sup>1</sup>, Alaa Ali<sup>1</sup>, **Rasha Jame**, Determination of Levels of Some Heavy Metals in Fish and Hens Eggs in Sudan, *American Journal of Physical Chemistry*, **2018**; 7(2): 37-44.
13. **Rasha Jame**, Boris Lakatoš, Mawia Hassan, Mutasim Elhaj, Ludovit Varečka, Production of Bio-Hydrogen Gas and Other Metabolic Gases by Anaerobic Bacteria Grown on Molasses, *Advances in Biochemistry*, **2017**; 5(6): 110-116, ISSN: 2329-0870 (Print); ISSN: 2329-0862 (Online).
14. **R. Jame**, V. Zelená, B. Lakatoš, L. Varečka: Carbon source utilization and hydrogen production by isolated anaerobic bacteria, *Acta Chimica Slovaca*, Vol. 9, No. 1, 2016, pp. 62—67, DOI: 10.1515/acs-**2016**-0011.
15. **Rasha Jame**, Assim Ezirg, Mawia Hassan, Elhaj J.M., Ibrahim Elimam. The quartz stones as sources for gold and some elements extraction, *journal of scientific research of science and arts*, (1st International Scientific Conference on Natural and Human resources –University of Dalanj) 2015, Vol. 1, pp. 1-22, ISSN1858, 5329, **2015**.

16. Ibrahim Elimam, Elgazafey Basheer, **Rasha Jame**, Mawia Hassan. The impact of a single spin-quarters udder Cow's milk chemical composition, journal of scientific research of science and arts, first international scientific conference 2015, Vol. 1, pp. 49-58. ISSN1858, 5329, **2016**.
17. Mawia Hassan, Elnoor Abaker, Elhaj. J. M, **Rasha Jame** and Ibrahim Mukhtar. Kinetic study of the oxidation of maltose by peroxydisulfate. Journal of scientific research of science and arts, issue 15, pp. 43-63. ISSN1858,5329, **2014**.
18. **Rasha Jame**, Vilimová V., Lakatoš B., Varečka L. The hydrogen production by anaerobic bacteria grown on glucose and glycerol ,Acta Chemica Slovaca, Vol 4, No. 2, PP 145-157, ISSN1337,978X. **2011**.
19. Hýrošová, Eva, Fišera, Lubor, **Jame, Rasha**, Prónayová, Nada, Medvecký, Michal, Kooš, Miro: Diastereoselective synthesis of some carbocyclic 2'-oxa-3'-aza-nucleosides. *Chemistry of Heterocyclic Comp.*, pp. 14-21, **2007**.
20. Hýrošová, Eva - Fišera, Lubor - **Rasha, Jame** - Prónayová, Nadežda - Medvecký, Michal - Kooš, Miroslav: Diastereoselective synthesis of some carbocyclic 2'-oxa-3'-aza-nucleosides. In: *Chemistry of Heterocyclic Compounds*. pp. 10-17, - ISSN 0009-3122. - 43-1, **2007**.

### **Participation in conference**

1. **Rasha Mohammed Almostafa Jame Hassan** "The impact of artificial intelligence on the future of academic research and Arab education" Arid Scientific Platform for Arabic-speaking scientists, experts and researchers, September 29, **2023**.
2. **Rasha Mohammed Almostafa Jame** International conference in computing and information technology (ICCIT), Faculty of computers and information technology, University of Tabuk, ,Tabuk , Kingdom of Saudi Arabia, on 13<sup>th</sup> -14<sup>th</sup> september **3023**.
3. **Rasha Mohammed Almostafa Jame Hassan**, The second scientific borrowing conference under the title (Innovation in School Libraries) Which was held remotely (via the Zoom platform) from 27 to 28 March **2022**
4. **Rasha M. Al. Jame Hassan**, the environment and biodiversity of the Red sea conference, Saudi Arabia ,Tabuk: University of Tabuk – Faculty of Science in cooperation with Saudi Biological Society, March 31 – April 1, **2021**.
5. **Rasha Jame**, Viera Vilimová, Boris Lakatoš, Ludovit Varečka, Anaerobic Bacteria for Hydrogen Production by utilization of Simple and Complex Substrates, International

Conference of Chemistry and Bioscience ICCB 2017 & The 15<sup>th</sup> Jordanian Chemical Conference.

6. **Rasha Jame**, Assim Ezirg, Mawia Hassan, Elhaj J.M., Ibrahim Elimam. The quartz stones as sources for gold and some elements extraction. 1<sup>st</sup> international scientific conference on natural and human resources, University of Dalanj conference book, page 9, **2015**.
7. Ibrahim Elimam, Elgazafey Basheer, **Rasha Jame**, Mawia Hassan. The impact of a single spin-quarters udder Cow's milk chemical composition 1<sup>st</sup> international scientific conference on natural and human resources, University of Dalanj conference book, page 10, **2015**.
8. **Jame R.**, Vilimová V., Lakatoš B., Varečka L.. The hydrogen production by anaerobic bacteria grown on simple and complex substrates. 7<sup>th</sup> International symposium on anaerobic microbiology, Bratislava conference book, page 52, **2011**.
9. Vilimová V., **Jame R.**, Polak M., Birošová L., Varečka L., Unusual anaerobic fungi isolated from rumen and other anaerobic habitats. 7<sup>th</sup> International symposium on anaerobic microbiology, Bratislava conference book, page 67, **2011**.
10. Hýrošová, Eva, Fišera, Lubor, Medvecký, Michal, **Jame, Rasha**, Prónayová, Nad'a, Kooš, Miroslav, Reissig, Hans-Ulrich: Diastereoselective synthesis of some carbocyclic 2'-oxa-3'-aza-nucleosides. In N,O-Heterocycles and more - 2. BBS Symposium on Organic Chemistry, Stuttgart, Germany, pp. 12, **2007**. ISBN:978-80-227-2632-0
11. Hýrošová, Eva - Fišera, Ľubor - Medvecký, Michal - **Rasha, Jame** - Prónayová, Nadežda -- Kooš, Miroslav -- Reissig, H.U. Diastereoselective Synthesis of Some Carbocyclic 2-Oxa-3-azanucleosides : Tihany, Hungary. In XII. Blue Danube Symposium on Heterocyclic Chemistry. Hungarian Academy of Sciences, pp. 84, **2007**. ISBN 978-963-7067-15-0.
12. Kolarovič, Andrej - **Rasha, Jame** - Fišera, Ľubor - de Meijere, Armin: New Challenges in 1,3-Dipolar Cycloadditions of Sugar Derived Nitrones In:N,O-Heterocycles and more ? 2. BBS - Symposium on Organic Chemistry, Stuttgart, Germany, 12-15apríl **2007** : Book of Abstracts. pp. 13, 2007 .ISBN:978-80-227-2632-0.
13. Kolarovič, Andrej - **Jame M.Almostfa, Rasha** - de Meijere, Armin - Fišera, Ľubor. 1,3-Dipolar Cycloadditions of Sugar Derived Nitrones : Tihany, Hungary. In XII. Blue Danube Symposium on Heterocyclic Chemistry. Hungarian Academy of Sciences, pp. 90, **2007**. ISBN 978-963-7067-15-0.

**University and Community Service**

1. Supervision of the Department of chemistry - Female section, 1-12-2020- 9-02-2021.
2. Head of the Learning Outcomes Measurement Committee 1445.
3. Head of the quality Committee- chemistry department (1444H for two years).
4. Member of the Programs and Study Plans Committee of the Chemistry Department for the academic year 1445 AH.
5. Member of the committee of the sorting of the files of applicants for the Master of Science in Chemistry (second 1445 AH).
6. Rapporteur of the Alignment Committee for the Department of Chemistry between the main campus and the branch at the University College in Al-Wajh for the academic year 1445 AH.
7. Member of the Committee for reviewing the combined reports of the academic years 1442 and 1443, 1445AH.
8. Head of the Development and academic accreditation Committee- chemistry department (1443H for one year, 1444 for one year).
9. Head of the Learning Outcomes Measurement Committee 1444.
10. Member of the Second Standard Committee - Program Management and Quality Assurance 1444.
11. Member of the Higher Committee for Planning and Drafting for Program Accreditation, College of Science (10/22/1443 for one year).
12. Member of the Quality and Academic Accreditation Unit at the College Agency for Development and Quality, Faculty of Science (1443 for one year).
13. Member of the Development and Quality Unit at the Faculty of Science (1443H for one year).
14. Head of the Development and Quality Committee - chemistry department (1442H for one year).
15. Coordinator of the Faculty of Graduate Studies - Faculty of Education – University of Dalanj.01-2014 - 7-2015
16. Participation in exam committee, faculty of education - University of Dalanj - 2001-2003, 2011-2015.
17. Member of the Committee for the development of the Higher Diploma Program in Chemistry - University of Dalanj.



18. Member of the Committee for the development of the Master Program in Chemistry - University of Dalanj.
19. Member of the Higher Diploma Program Preparation Committee, Department of Chemistry- University of Tabuk.
20. Member of the Examination Committee of University of Dalanj.
21. Member of the Arbitration Committee of Bachelor Degree in Chemistry - University of Tabuk
22. Member of the Committee to study the files of applicants and conduct the written test on the position of Assistant Professor and above on (18/5/1438) - University of Tabuk
23. Member of the Committee of equipment, laboratories and chemicals (3/1/1438 for a year) and then (28/6/1438 for a year) and then (21/5/1439 for a year) – University of Tabuk
24. Member of the Committee of study plans and curricula (3/1/1438 for a year) and (21/5/1439 for a year) and then for the academic year (1439-1440 for a year)- University of Tabuk.
25. Member of the Committee for the study of general chemistry textbook for the first year and the method used for students – University of Tabuk.
26. Head of the Committee of laboratories and equipment (for the academic year 1436/1437 H).
27. Head of labs Committee - Department of Chemistry (Females Section) - Faculty of Sciences - University of Tabuk - 25-11- 1437H.
28. Head of the inventory of devices in the department on (1/3/1439 H).
29. Member of the inventory of devices and chemicals laboratory chemistry department (female Section) on (1/1/1438).
30. Coordinator of the Scientific Research and Research Laboratories Committee - 21/12/1440 for one year - University of Tabuk.
31. Coordinator of the Preparatory Year and General Courses (female Section) - Faculty of Science - University of Tabuk (for the academic year 1438/1439) and (for the academic year 1439/1440 H) - (1440/1441H) (1442 for one year) (1443 for one year).
32. Member of the Master's Program Preparation Committee, Department of Chemistry (1442 for one year).

33. Member of the Quality and Academic Accreditation Unit at the College Agency for Development and Quality, College of Science (1442 for one year).
34. Development and Quality Coordinator, Department of Chemistry - Female Section (1442 for one year).
35. Member of the Committee for the Development of General Preparation Courses, 1442.
36. Member of the working group to formulate and build standard question banks for the General Chemistry course, 1442.
37. Member of the preparation team (Kalam Project) for the Basics of Chemistry course - Deanship of E-Learning.

### **Certificates of participation in training workshops and seminars:**

- 1- Systems and methods of university teaching - Advanced Training & Performance Development, 12-20/12/2011. (Sudan)
- 2- Certificate of participation within the Faculty of Science upgrading activities - girl section. year- 1436-1437H.
- 3- Certificate of participation within the Faculty of Science upgrading activities - girl section. year- 1437-1438H.
- 4- Certificate of participation within the workshop of research activity of the department of Chemistry University of Tabuk - Faculty of Science - girl section year- 1436-1437H.
- 5- E. learning 26-27\11\2018.
- 6- Chemical safety and Security offers, & trainer, 26-30/ 3/2017 (17 h). University of Tabuk, quality and development of faculty of science.
- 7- Explanation of the publication mechanism in ISI -1/3/2018 for two hours.
- 8- Skills of international scientific publishing - 1/4/2018 for two hours.
- 9- How to write a research project according to international standards - 2/4/2018 for two hours.
- 10- Ethics of Scientific Research - 9/4/2018 for two hours.
- 11- Quantitative data analysis - 4/4/2018 for two hours.
- 12- International Standards in Arbitration of Scientific Research - 9/4/2018 for two hours.
- 13- Skills of using the Word program in writing the research - 10/4 /2018 for two hours.
- 14- Practical applications on scientific research methods - 11 \ 4 \ 2018 for two hours.
- 15- Publishing skills in Arabic and foreign magazines - 16/4/2018 for two hours
- 16- How to publish with Emerald - 15/4/2018 for two hours.

- 17- Practical applications of statistical analysis using Excel - 8/4/2018 for two hours.
- 18- Electronic audit of scientific research using the program iThenticate - 28\ 3\ 2018 for two hours.
- 19- Building and design of the questionnaire in scientific research - 13/7/1440H
- 20- Good test specifications - 26/7/1440H.
- 21- Quality of life in the work environment - 17/8/1440H.
- 22- Course evaluation of learning outcomes - 19-20 / 8/1440H.
- 23- Course portfolio & closing the quality loop- 4-3-2020.
- 24- Alignment of the academic program with the National Qualifications Framework 09/27/2021 (3 hours).
- 25- Program alignment with the National Qualifications Framework: formulating and measuring program learning outcomes 10/25/2021 (3 hours).
- 26- The basics of effective evaluation 08/11/2021 (3 hours).
- 27- Methods of dealing and teaching that are appropriate for people with disabilities 08/30/2021 (3 hours).
- 28- Preparing operational plans for colleges, departments, and programs 09/29/2021 (3 hours).
- 29- Effective administrative communication in the work environment 10/13/2021 (3 hours).
- 30- Building a table of test specifications 11/10/2021 (3 hours).
- 31- Course reports for academic programs 10/06/2021 (3 hours).
- 32- Description of the academic program and preparation of the annual report 9/6/2021 (3 hours).
- 33- Course description, field experience and reports 9/8/2021 (3 hours).
- 34- The role of the academic supervisor in field training 9/1/2021 (3 hours).
- 35- Student evaluation and test preparation skills 10/05/2021 (3 hours).
- 36- The role of the faculty member in preparing students psychologically towards a safe return to in-person study 08/25/2021 (3 hours).
- 37- Interpreting and analyzing the test results in general and detail 11/15/2021 (3 hours).
- 38- Ethical standards and practices in scientific research 10/10/2021 (3 hours).
- 39- Student entrepreneurial projects from idea to commercial product 11/3/2021 (3 hours).
- 40- Mastered Certificate: Designing the Ideal Course 1443.
- 41- Certificate of Mastery: Design by Canava 1443.
- 42- Mastered Certificate: Infographic Design 1443.

- 43- Mastered Certificate: Connect Yard 1443.
- 44- Mastered Certificate: Digital Montage 1443.
- 45- The role of the faculty member in the program accreditation process 02/09/2022 (3 hours).
- 46- The role of college and program leaders in program accreditation 02/16/2022 (3 hours).
- 47- The role of the program coordinator and course coordinators in the program accreditation process 02/14/2022 (3 hours).
- 48- Raising the quality of scientific research 01/25/2022 (3 hours).
- 49- The role of the faculty member in creating intellectual awareness among students 02/07/2022 (3 hours).
- 50- Measuring learning outcomes for programs, courses, extracurricular activities, and characteristics of graduates for the programs and the institution 03/31/2022 (3 hours).
- 51- Mastered Certificate: Educational Infographic Design 1444.
- 52- Security and safety in laboratories 4/12/2022.
- 53- Time management and organizing priorities 7-8/6/2022.
- 54- Data Visualization Using Google Data Studio June 13, 2022
- 55- Flipped classroom (concept and application in education) 01/02/2023 (3 hours).
- 56- Preparing the course report 01/25/2023 (3 hours).
- 57- Preparing the course report electronically using the Standard Plus platform 01/18/2023 (3 hours).
- 58- Preparing the self-study report (Part One) 09/26/2022 (3 hours).
- 59- Preparing the self-study report (Part Two) 09/28/2022 (3 hours).
- 60- Alignment of the academic program with the National Qualifications Framework 09/19/2022 (3 hours).
- 61- Fulfilling the requirements of the teaching and learning standard in self-study (developed version) 08/11/2022 (3 hours).
- 62- Active learning (practice and supportive techniques) 12/21/2022 (3 hours).
- 63- Preparing question banks for final exams in university courses 12/26/2022 (3 hours).
- 64- The academic leader according to the exemplary leadership model 12/14/2022 (3 hours).
- 65- Strategic Leadership 01/30/2023 (3 hours).
- 66- Leadership Budget: A Different Journey to More Effective Leadership 10/19/2022 (3 hours).

- 67- Reports measuring learning outcomes for the course and academic program 09/14/2022 (3 hours).
- 68- Self-study report according to program accreditation standards (developed version 2022 AD) (Part One) 10/24/2022 (3 hours).
- 69- Self-study report according to program accreditation standards (developed version 2022 AD) (Part Two) 10/26/2022 (3 hours).
- 70- Academic guidance mechanisms 4/4/2023.
- 71- The role of a faculty member, course coordinator, and program coordinator in the work of quarterly and annual academic program reports 03/27/2023 (3 hours).
- 72- The role and responsibilities of the scientific department in the work of quarterly and annual academic program reports 04/03/2023 (3 hours).
- 73- The role and responsibilities of college leaders in the work of quarterly and annual academic program reports 04/14/2023 (3 hours).
- 74- Creating community initiatives and volunteer work 11/03/2022 (3 hours).
- 75- Future Leaders: Expected Roles and Tasks 10/5/2022 (3 hours).
- 76- Measuring learning outcomes in the course 01/23/2023 (3 hours).
- 77- Measuring the course learning outcomes and building the specifications matrix (practical application) using Excel Sheet 11/20/2022 (3 hours).
- 78- Requirements for qualifying for program accreditation 09/05/2022 (3 hours).
- 79- Program learning outcomes and evaluation plans 09/12/2022 (3 hours).
- 80- Self-evaluation standards for academic programs 09/07/2022 (3 hours)
- 81- Performance indicators and benchmark comparisons 10/10/2022 (3 hours).
- 82- Principles of strategic planning in higher education 11/07/2022 (3 hours).
- 83- Attending a virtual workshop entitled Mendeley Reference Management 16/5/2023.
- 84- Instructional design using ChatGPT 1/11/2023
- 85- Ethical Use of ChatGPT for Research and Data Analysis 2023/10/23
- 86- Exploring scientific communication through the Ureed Scientific Platform” 10/30/2023
- 87- Green transformation thanks to innovation: developing waste recycling strategies to achieve sustainable development in the era of digital transformation 01/11/2023.

88- A certificate of thanks and appreciation for the support and effective attendance at the inauguration ceremony of the Genomic and Biotechnology Unit at the Faculty of Science - 26-1-1441H.

89- A certificate of thanks and appreciation for working as a volunteer in the interview committee of the Planning and Drafting Committee 1-4 / 7/2018.

90- Fundamentals in education 2-3 \ 6 \ 1439 for six hours.

91- Microsoft excel: 12/1/2022.

### **Other certificates:**

1- Certificate of thanks and appreciation for supervising the Chemistry Department (Girls' Department) in the period from 12/1/2020 – 2/9/2021

2- Certificate of thanks and appreciation for active participation in establishing the Higher Program in Waste Management (1442-1443).

3- Certificate of thanks and appreciation for participating in establishing a master's program in chemistry (1445 AH).

### **Excellence Awards and honors:**

1- Active at Arid Scientific Badge 2023 from Arid Scientific platform (2-11-2023).

2- Excellence Award for Enrichment Classes for First Year Courses (07-07-2020).

3- University President's Award for Research and Innovation (2022).

### **Voluntary contributions:**

1- A certificate from the National Platform for Volunteer Work and the Charitable Association for Volunteer Work in exchange for implementing the opportunity to organize a celebration in Oujda on Volunteer Day (2023).

2- A certificate from the National Platform for Volunteer Work and the General Administration of Education in the Tabuk region for implementing the opportunity to implement a scientific research program for middle and high school female students (2023).

3- Enrichment sessions in the general chemistry course for first-year students in the first semester of the academic year 2019.