Curriculum Vitae

Personal data:

Name: MUSTAFA. JAIP ALLAH . ABD ELMAJEED. ABUALREISH



Nationality: Sudanese

Date of birth : 2\7\1972

Place of birth : New halfa - Sudan

Marital status : Married with five children

Languages: Arabic, English

Kingdom of Saudia Arabia

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Scopus ID: 25229715600

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Web of Science ResearcherID : AAE-1635-2022

https://www.**mendeley.com**/reference-manager/library/my-publications/

https://**scholar.google.com**/citations?user=N3zs5k8AAAAJ&hl=en
Mustafa Abualreish - Google Scholar

https://www.**researchgate.net**/profile/Mustafa-Abualreish

https://**publons.com**/researcher/1445935/mustafa-jaip-allah-abdelmageed-abualreish/

https://independent.**academia.edu**/MJAAbualreish

Academic Progression:

1. **Ph.D** (Chemistry), Department of chemistry, **Faculty Of Science**, University of Khartoum , Sudan (**2001**)
2. **M.Sc** (Chemistry), Department of chemistry, **Faculty Of Science**, University of Khartoum, Sudan (**1996**).
3. **B.Sc** (Chemistry), Department of chemistry, **Faculty Of Science**, University of Khartoum , Sudan (**1992**)

Title of the PhD Thesis :	Stoichiometric study in the oxidation-reduction reactions between some carbohydrates and potassium peroxydisulphat
Title of the M.Sc Thesis :	Spectrophotometric determination of the stability constants of hydroxamic acid reagent with V(IV), Fe(III), CO(II) and Cu(II)
Title of the B.Sc Thesis :	Characterization of polymers

Full and Part -time Professional Activity ; Technical and Teaching Experiences :

○ **3 Febrauary 2026 Present :**	
	Full-time Professor (Full) at the Department of Chemistry, College of Science Northern Border University, Saudi Arabia.
○ **2021 AD – 2025 AD :**	
	Full-time Associate Professor at the Department of Chemistry, College of Science Northern Border University, Saudi Arabia.
○ **2009-2021 AD :**	
	Full-time Assistant Professor at the Department of Chemistry, College of Science , Northern Border University, Saudi Arabia
○ **2003-2009 AD :**	
	Full-time Assistant Professor at the Department of Science, College of Education , King bdaziz University, Saudi Arabia.
○ **2001-2003 AD :**	
	Full-time Assistant Professor at the Department of Chemistry, Faculty of Science and technology, Omdurman Islamic University, Sudan
○ **2002-2003AD :**	
	Part-time Assistant Professor at the Department of Chemistry, Faculty of Science, Universityof Khartoum, Sudan .
○ **2001-2003AD :**	
	Part-time Assistant Professor at the Department of Chemistry, Faculty of Pharmacy, Ribat National University, Sudan .
○ **1998-2001AD :**	
	Full-time Lecturer at the Department of Chemistry, Faculty of Science and technology, Omdurman Islamic University, Sudan .
○ **1992-1997AD :**	
	Part-time Teaching Assistant at the Department of Chemistry, Faculty of Science, University of Khartoum, Sudan.
○ **1994-1997AD :**	
	Part-time Teaching Assistant at the Department of Chemistry, Faculty of Science, sudan university of science and technology , Sudan .

Have a total teaching experience of fourty three years at a university level (1992-2026), during that period, supervising postgraduate students and teaching undergraduate level laboratories and lecture courses comprising general chemistry , physical chemistry and analytical chemistry including the following courses **:**

1. General chemistry (1)	**2.** General chemistry (2)	**3.** The chemistry of volumetric and gravimetric analysis
4. Physical Chemistrty 1	**5.** Analytical Chemistrty 1	**6.** Chemical Kinetics
7. General chemistry lab	**8.** Electrochemistry	**9.** Nuclear chemistry and radiochemistry
10. Catalysis	**11.** Photochemistry	**12.** Introduction to physical chemistry
13. Experimental physical chemistry	**14.** Biochemistry	**15.** Introduction to analytical chemistry
16. Chromatographic methods of separation	**17.** Hetrocyclic chemistry	**18.** Instrumental methods of analysis

19. Scientific Terminology	**20.** Field training supervision	**21.** Application of Mass spectrometry in analytical chemistry
22. Analysis of industrial products	**23.** Research projects supervision	**24.** Quantum chemistry and statistical thermodynamics
25. Special topics in analytical chemistry	**26.** Pharmaceutical Physical Chemistry	**27.** Surface and solid state chemistry
28. Quality Management In Chemical Processes		

Professional Affiliations:

Active member of the American Chemical Society (ACSM) , U.S.A **Membership NO. 2416809**	20/1/1430H -17/1/2009AD 8/1/1429H -17/1/2008AD 8/1/1429H -17/1/2008AD 27/12/1427H -17/1/2007AD
Active member of the Royal Society of Chemistry(MRSC), U.K. **Membership NO. 721680**	10/12/1444H -28/6/2023AD 29/11/1443H -28/6/2022AD
Active member of the Saudi Chemical Society (MSCS), KSA. **Membership NO. 1451**	15/10/1432H -13/9/2011AD 15/10/1431H -24/9/2010AD
Member of the Editorial Board of the Oriental journal of Chemistry, Bhopal –India **Ref. OSPC/125/09**	18/1/1430H -15/1/2009AD

Administration Work :

Administrative Positions:

	Position	Date
1)	Head of the chemistry department , College of science, Northern Border university ,Kingdom of Saudi Arabia	21/11/1435H -16/9/2014AD 5/11/1436H--20/8/2015 AD 5/11/1438H -28/7/2017 AD
2)	Vice dean,chemistry department , College of science, Northern Border university ,Kingdom of Saudi Arabia	2/1/1443H- 10/8/2021 AD
3)	Head of the chemistry department , Faculty of science and technology ,Omdurman Islamic university ,Sudan	11/4/1422 H -2/7/2001 AD 20/6/1424H-18/8/2003 AD
4)	Academic coordinator of the chemistry program , chemistry department , College of science, Northern Border university ,Kingdom of Saudi Arabia.	16/3/1446H ; 19/9/2024 AD
5)	Director of the students affairs unit , faculty of science , Northern Border University , Kingdom of Saudi Arabia	27/2/1440H ; 5/11/2018 AD
6)	Supervisor of the students affairs unit , faculty of science , Northern Border University , Kingdom of Saudi Arabia .	27/2/1441H ; 26/10/2018 AD
7)	Chairman of the Committee for the creation of an Applied Chemistry Program within the Project for the Development of Academic Programs 1445 AH at Northern Border University Kingdom of Saudi Arabia .	11/9/1444H; 2/4/2023 AD
8)	Head of the technical committe in the chemistry department faculty of science , Northern Border University , Kingdom of Saudi Arabia .	20/2/1445H; 5/9/2023 AD
9)	Supervisor of the scientific committee , student activities department , Teacher's college Northern Border University , Kingdom of Saudi Arabia.	1426/1427-2005/2006 AD 1427/1428H-2006/2007 AD

Committee Membership:

University Level:

	Committee name	Date
1)	Member of the permanent committee of laboratories and equipments in the university , Northern Border University , Kingdom of Saudi Arabia.;	6/9/1434H-12/2/1437H 13/7/2013-24/11/2015 AD
2)	Member of the university committee for assessment of the preparatory year program Northern Border University, Kingdom of Saudi Arabia.	1/12/1436H ;14/9/ 2015 AD
3)	Member and Secretory of the committee for establishing the talented academy at the university , Northern Border University , Kingdom of Saudi Arabia	25/4/1441H; 22/12/ 2019 AD
4)	Member and Secretory of the Gifted and Distinguished Committee at Northern Border University, Kingdom of Saudi Arabia.	27/6/1442H ; 10/2/ 2021 AD
5)	Member of the internal reviewing work team (reviewers of scientific disciplines) at the University of Northern Border.	10/10/1443H; 11/5/ 2022 AD
6)	Member of the permanent Committee of the Internal Review Task Force for Scientific disciplines at the Northern Border University	9/8/1444H; 1/3/ 2023 AD

7)	Member and Secretory of the Implementation Committee for the Initiative to Establish an Academy for the Gifted and Talented, a Program for Caring for the Gifted, and Code (1.1.3.2) from the initiatives of the University Agency for Academic Affairs in the new strategic plan of the Northern Border University 2020-2025 AD - Kingdom of Saudi Arabia.	1/8/1442H ; 14/3/2021AD
8)	Member of the Committee of the Environmental Research and Studies and Sustainable Development at the Deanship of Scientific Research at Northern Border University 2021-2022 AD.	3/3/1442H ; 19/10/2020AD
9)	Member of the Executive committee to set proposed rules and regulations related to the ethics of scientific research one of the University Vice Presidency for graduate studies and scientific research initiatives in the new strategic plan for the University 2020-2025 AD.	28/2/1442H; 15/10/2020AD
10)	Member of the Executive Committee of the University Laboratories Modernization Initiative, one of the University Vice Presidency for Academic Affairs initiatives in the new strategic plan for the University 2020-2025 AD .	23/2/1442H ; 10/10/2020AD
11)	Member of the university admission committee , Northern Border University , Kingdom of Saudi Arabia.	19/8/1435H ; 17/6/2014 AD
College Level:		
	Committee name	**Date**
1)	Member of the Supervisory Committee for the preparation of the first week's activities and welcoming new students at Science College for the academic year 1447/1448 AH - Northern Border University - Kingdom of Saudi Arabia	27/2/1447H 21/8/2025AD
2)	Member of the Reception Committee for the Orientation Day for New Students at the College of Science.academic year 1444/1445H	1444/1445H ; 2023/2024 AD
3)	Member of the Committee to follow up the College of Science preparations for the readiness test , faculty of science , Northern Border University , Kingdom of Saudi Arabia.	12/7/1446H ; 12/1/2025 AD
4)	Member and Secretary of the Selection Committee for Applicants for Faculty Positions in the Chemistry Department , faculty of science , Northern Border University , Kingdom of Saudi Arabia.	7/9/1445H ; 17/3/2024 AD
5)	Member of the Faculty board Secretariat, faculty of science , Northern Border University , Kingdom of Saudi Arabia.	24/5/1443; 28/12/2021 AD 5/6/1444H; 29/12/2022 AD 6/3/1445H; 21/9/2023AD
6)	Member of the Committee for Monitoring the Progress of the Educational Process faculty of science , Northern Border University , Kingdom of Saudi Arabia.	11/8/1446H ; 10/2/2024 AD
7)	Member of the Advisory Committee in the faculty of science , Northern Border University , Kingdom of Saudi Arabia .	2/4/1444H- 27/10/2022 AD 17/3/1445H- 2/10/2023 AD 3/4/1446H- 6/10/2024 AD
8)	Member of the Systems and Study Plans Committee at the faculty of science , Northern Border University , Kingdom of Saudi Arabia.	1/7/1444H- 23/1/2023 AD 17/3/1445H- 2/10/2023 AD 6/5/1446H- 8/11/2024 AD 6/4/1447H-28/9/2025 AD
9)	Member of the Student Code of Conduct and Discipline Committee faculty of science ,	11/5/1440H- 17/1/2019 AD

	Northern Border University , Kingdom of Saudi Arabia 2023-2024 AD; 1444-1445H	26/1/1441H- 25/9/2019 AD
		18/3/1443H- 24/10/2021 AD
		1/7/1444H- 23/1/2023 AD
		29/2/1445H- 14/9/2023 AD
10)	Member of the academic affairs committee , faculty of science , Northern Border University , Kingdom of Saudi Arabia.	8/5/1438H- 5/2/2017 AD
		23/1/1440H;3/10/2018 AD
11)	Member and Secretary of the students excuse committee , faculty of science , Northern Border University , Kingdom of Saudi Arabia.	5/5/1441H ; 31/12/2019 AD
12)	Member of the faculty examination committee , faculty of science , Northern Border University , Kingdom of Saudi Arabia.	7/3/1440H ; 15/11/2018 AD
13)	Member of the committee of guidance and following students affairs, faculty of science , Northern Border University , Kingdom of Saudi Arabia.	25/1/1434H ; 8/12/2012
		3/1/1435H ; 6/11/2013
14)	Member and Secretary of the academic affairs committee , faculty of science , Northern Border University , Kingdom of Saudi Arabia.	14/2/1441H-13/10/2019 AD
		1/2/1443H-8/9/2021 AD
		11/5/1444H-5/12/2022 AD
		10/3/1445H-25/9/2023 AD
		6/5/1446H-8/11/2024 AD
		6/4/1447H-28/9/2025 AD
15)	Member of the graduates affairs committee , Teacher's college , Northern Border University , Kingdom of Saudi Arabia.	19/7/1427H;13/8/2006 AD
16)	Member of the committee that following the final evaluation electronically (covid-19) , faculty of science , Northern Border University , Kingdom of Saudi Arabia	19/8/1441H;12/4/2020 AD
17)	Member and Secretary of the crisis management committee in the faculty of science , faculty of science , Northern Border University , Kingdom of Saudi Arabia.	7/1/1442H ; 25/8/2020 AD
18)	Member of the committee for establishing discrimination controls , faculty of science , Northern Border University , Kingdom of Saudi Arabia.	3/2/1442H;20/9/2020 AD
19)	Member and Secretary of the students disciplinary committee , faculty of science , Northern Border University, Kingdom of Saudi Arabia.	11/2/1442H;28/9/2020 AD
20)	Member and Secretary of the committee that supervising the examinations in faculty of science , Northern Border University, Kingdom of Saudi Arabia. From	21/2/1442H-29/9/2020 AD
		11/3/1443H-17/10/2021 AD
		5/3/1445H-20/9/2023 AD
		8/4/1446H-11/10/2024 AD
		6/4/1447H-28/9/2025 AD
21)	Member of the Committee to reschedule the unified study plan for chemistry programs in faculties of science, Northern Border University , Kingdom of Saudi Arabia	10/8/1443H; 13/3/ 2022AD
22)	Member of the committee for creating and developing academic programs in chemistry for bachelor's and diploma degrees at the faculty of science , Northern Border University , Kingdom of Saudi Arabia.	23/2/1444H ; 19/9/2022 AD

23)	Member of the temporary committee that supervising the process of formation the students advisory board of chemistry program at faculty of science , Northern Border University , Kingdom of Saudi Arabia	5/2/1443H -21/9/2021AD 1/3/1444H -27/9/2022AD 4/3/1445H -19/9/2023AD
24)	Member of the scientific committee for the exit examination of the chemistry program at faculty of science , Northern Border University , Kingdom of Saudi Arabia	15/4/1443H -19/11/2021AD 1/7/1444H -23/1/2023AD
25)	Member of the committee that supervising the exit examination of students expected to graduate from chemistry department in 1440/1441H, faculty of science , Northern Border University , Kingdom of Saudi Arabia	12/4/1441H ; 9/12/2019AD
26)	Member of the Committee to survey all needs at the College of Science - Northern Border University - Kingdom of Saudi Arabia .	29/2/1444H;25/9/2022AD
27)	Member of the two-semester transition committee for the Chemistry Program, College of Science, Northern Border University, Kingdom of Saudi Arabia	25/6/1445H;7/1/2024AD
28)	Member of the committee that supervising and following the interviewing and examining of teaching assistants introducing to the department of chemistry faculty of science , Northern Border University , Kingdom of Saudi Arabia. .	14/7/1433H ; 3/6/2012AD

Departmental Level:

	Committee name	Date
1)	Member of the Standardized Testing Subcommittee in the Chemistry Department	29/4/1447H ; 21 October 2025
2)	Member of the scientific committee for the evaluation of the scientific seminar extracted from Ph.D thesies entitled: " ***Advanced Analytical Biosensing for Cancer Detection and Neural Diagnostics Using Tapered Optical Fiber (TOF) Plasmonic, Protonic, and High-Throughput Microplate-Based Technologies "*** submitted by Mr/**Bian Alharbi** as requirement for occupation of assistant professor job at chemistry department . faculty of science ,Northern border university	/5/1447H ; 28 October 2025
3)	Member of the scientific committee for the evaluation of the scientific seminar extracted from Ph.D thesies entitled: " ***Fabrication of Titanium Dioxide Materials with Enhanced Optical Properties "*** submitted by Mr/**Maha Alenzi** as requirement for occupation of assistant professor job at chemistry department . faculty of science ,Northern border university	3/3/1447H ; 26 August 2025
4)	Member of the Research Identity Committee of the Chemistry Department faculty of science - Northern Border University - Kingdom of Saudi Arabia .	1445/1446H ; 2024/2025AD
5)	Member of the chemistry program advisory council , faculty of science , Northern Border University , Kingdom of Saudi Arabia	24/10/1443H ; 25/5/2022 AD 15/6/1445H ; 28/12/2023 AD
6)	Member of the students advisory council in Chemistry department faculty of science , Northern Border University , Kingdom of Saudi Arabia	14/6/1445H ; 27/12/2023 AD 16/3/1446H ; 19/9/2024 AD 18/3/1447H ; 10/9/2025 AD
7)	Member of Chemistry program development committee faculty of science , Northern Border University , Kingdom of Saudi Arabia	1445-1446H ; 2024-2025 AD

8)	Member and Secretory of the committee for screening applicants for faculty positions in the Chemistry Department, faculty of science , Northern Border University , Kingdom of Saudi Arabia .	7/9/1445H ;17/3/2024 AD
9)	Head of the Student affairs and course equivalency committee in the Chemistry Department, faculty of science , Northern Border University , Kingdom of Saudi Arabia	23/1/1443H ; 31/8/2021 AD 9/3/1444H ; 5/10/2022 AD 30/2/1446H ; 3/9/2024 AD 5/3/1447H ; 28/8/2025 AD
10)	Member of the Systems and Plans Committee, Department of Chemistry, College of Science, Northern Border University, Kingdom of Saudi Arabia	5/3/1447H ; 28/8/2025 AD
11)	Member of the Statistics and Decision Support Committee, Department of Chemistry, College of Science, Northern Border University, Kingdom of Saudi Arabia	5/3/1447H ; 28/8/2025 AD
12)	Head of the technical committe in the chemistry department faculty of science , Northern Border University , Kingdom of Saudi Arabia .	20/2/1445H; 5/9/2023 AD
13)	Member of the scientific committee for the evaluation of the scientific seminar extracted from Ph.D thesies entitled: " ***Measuring Nitric Oxide/Peroxynitrite in Function/Dysfunction of Neuronal Nitric Oxide Synthase Using Metalloporphyrin Nanosensors – Implication for Neurodegenerative Diseases"*** submitted by Mr/**Nouf Alsiraey** as requirement for occupation of assistant professor job at chemistry department . faculty of science ,Northern border university	28/11/1446H ; 26 May 2025
14)	Member of the scientific committee for the evaluation of the scientific seminar extracted from Ph.D thesies entitled: " ***di-porphyrins strapped on based assemblies triple-decker***" submitted by Mr/**Muteb Alshammari** as requirement for occupation of assistant professor job at chemistry department . faculty of science ,Northern border university **.**	17/11/1446H ; 15 May 2025.
15)	Head of the scientific committee for the evaluation of the scientific seminar extracted from Ph.D thesies entitled: " ***Optimization of Enantiopure Tetrahydro-B-Carbolines as Potent Antimalarials*** " submitted by Miss/**HANAN Almolhim** as requirement for occupation of assistant professor job at chemistry department . faculty of science ,Northern border university **.**	25/11/1444H ; 13 June 2023.
16)	Head of the scientific committee for the evaluation of the scientific seminar extracted from Ph.D thesies entitled: " ***Characterization of Lignin Degradation Accessory Enzyme Glycolate Oxidase from Rhodococcus jostii RHA*** " submitted by Mrs/**Awatif Alrwili** as requirement for occupation of assistant professor job at chemistry department . faculty of science ,Northern border university	12/11/1444H ; 31 May 2023
17)	Head of the scientific committee for the evaluation of the scientific seminar extracted from Ph.D thesies entitled: " ***Design and Synthesis of Novel Chiral Iodine (III) Reagents for Enantioselective Synthesis***" submitted by Miss/**Hayfa Alharbi** as requirement for occupation of assistant professor job at chemistry department . faculty of science ,Northern border university	16/9/1443H ; 17 April 2022
18)	Secretary of the Science department , Teacher's college , Northern Border University , Kingdom of Saudi Arabia.	27/1428H-28/1429H; 2006/2007-2007/2008 AD

Participation in college and university activities and events:

NO	NO.	Activity	Date
1)	23	Active participation in the activities of the first week to welcome new students at Science College for the academic year 1447/1448 H - Northern Border University - Kingdom of Saudi Arabia	27/2/1447H 21/8/2025AD
2)	22	Participating in workshop entitled: Preparing and following up on the operational plan for academic programs at the College of Science	3/11/1446H 1/5/2025AD
3)	21	Participating in an awareness session in the field of cybersecurity	10/10/1445H 18/4/2024AD
4)	20	Active participation in the workshop entitled: enhancing scientific research production at the College of Science , Northern Border University, Kingdom of Saudia Arabia	12/7/1445H 24/1/2024AD
5)	19	Active participation in the induction day of the College of Science Academic year 1444/1445H, Northern Border University, Kingdom of Saudia Arabia	1444/1445H 2023/2024 AD
6)	18	Active participation and distinguished efforts in providing requirements, evidence, and participation in academic accreditation sessions for College of Science programs for the academic year 1444/1445 AH - Northern Border University - Kingdom of Saudi Arabia	1444/1445H 2023/2024AD
7)	17	Active participation and distinguished efforts in the academic accreditation project and the virtual visit to the Computer Science Program at College of Science, Northern Border Universityto obtain programmatic accreditation from the National Center for Academic Accreditation and Evaluation NCAAA at Kingdom of Saudia Arabia during the period from 23-25/10/2022 AD	28-30/3/1444H 23-25/10/2023AD
8)	16	Active participation and distinguished efforts during the virtual visit to the College of Science at Northern Border University with the National Center for Academic Accreditation and Assessment (NCAAA) team in the Kingdom of Saudi Arabia during the period from 3-7/4/2021 AD	21-25/9/1442H 3-7/4/2021AD
9)	15	Participating in closing the initiative to establish proposed controls and provisions related to scientific research ethics and proposing appropriate models that meet the needs of scientific research ethics committees in implementation of the initiative (2.1.1.3) of the Northern Border University Strategic Plan 2020-2025 AD - Kingdom of Saudi Arabia.	22/8/1444H 14/3/2023AD
10)	14	Active participation in preparing the strategic and operational plan for programs, attracting and nurturing talented people at Northern Border University - Kingdom of Saudi Arabia., and investing their talents and abilities to serve the university and the country in general.	25/4/1441H 22/12/2019AD
11)	13	Participating in implementing the activities of the Mawhiba Summer Enrichment Program 2019 as a community service	26/6/1441H 20/2/2020AD
12)	12	Effective contribution to the success of the first phase of the stand ardized test(Exit Exam) organized by the vice presidency for Academic Affairs at Northern Border University- Kingdom of Saudi Arabia.	18/04/1441H 15/12/2019AD
13)	11	Participation and effort as a financial and administrative coordinator in the local enrichment Mawhiba program held at the Northern Border University in Arar, Kingdom of Saudi Arabia from 11-29 Dhul-Qi'dah 1440 AH.	11-29/11/1440H 13-31/7/2019AD

14)	10	Participation in completing the academic accreditation requirements (ABET) for the College of Engineering - Northern Border University - Kingdom of Saudi Arabia	22/03/1439H 10/12/2017AD
15)	9	Active participation in the arbitration of scientific research in the seventh scientific conference for students of the Northern Border University, KSA	1436/1437H 2014/2015AD
16)	8	Outstanding effort and serious participation in student activities for the academic year 1435/1436 AH at the College of Science - Northern Border University - Kingdom of Saudi Arabia	1435/1436H 2013/2014 AD
17)	7	Outstanding effort and serious participation in the scientific conference for the academic year 1434/1435 AH at the College of Science - Northern Border University - Kingdom of Saudi Arabia	1434/1435H 2012/2013 AD
18)	6	Outstanding effort and serious participation in sports activity for the academic year 1434/1435 AH at the College of Science - Northern Border University - Kingdom of Saudi Arabia	1434/1435H 2012/2013 AD
19)	5	Outstanding effort and serious participation in refereeing the football league for the academic year 1434/1435 AH at the College of Science - Northern Border University - Kingdom of Saudi Arabia	1434/1435H 2012/2013 AD
20)	4	Active participation in student activity programs for the academic year 1427/1428 AH at Teachers College in Arar - Kingdom of Saudi Arabia	1427/1428H 2006/2007 AD
21)	3	Active participation in student activity programs for the academic year 1426/1427 AH at Teachers College in Arar - Kingdom of Saudi Arabia	1426/1427H 2005/2006 AD
22)	2	Active participation in student activity programs for the academic year 1425/1426 AH at Teachers College in Arar - Kingdom of Saudi Arabia	1425/1426H 2004/2005 AD
23)	1	Participation in the activities of the first Communications and Technology Forum held at the Teachers College in Arar - Kingdom of Saudi Arabia	6-8/3/1427H 4-6/4/2006AD

Scientific conferences ,workshops and symposia:

No	Name of the conference, workshop/ symposium	Date and Place	Post Type
(1	**International Scientific Workshop entitled**: Leveraging NotebookLM and Gemini for Smarter Scientific Research	Events Gate – Malysia 18/7/2026AD;4/2/1448H	Attendence
(2	**International Scientific Workshop entitled**: Developing a Scientific Literature Review and Analyzing Previous Studies Using ChatGPT, Claude, and Gemini	Events Gate – Malysia 11/7/2026AD;26/1/1448H	Attendence
(3	**International Scientific Workshop entitled**: Artificial Intelligence Mechanisms for Detecting Literary Plagiarism and Paraphrasing	Events Gate – Malysia 9/7/2026AD;24/1/1448H	Attendence
(4	**International Scientific Workshop entitled**: Using Artificial Intelligence to Create Presentations with Gamma	Events Gate – Malysia 6/6/2026AD; 20/12/1447H	Attendence
(5	International Scientific Workshop entitled: Engineering Research Titles and Developing Problem Statements Using Artificial Intelligence: An Applied Approach to ChatGPT and Gemini	Events Gate – Malysia 9/5/2026AD;22/11/1447H	Attendence
(6	**The 4th International Scientific Conference on Applied Sciences and Advanced Technology**	Events Gate – Malysia 28-30/4/2026AD; 11-13/11/1447H	Attendence
(7	International Scientific Workshop entitled: Using and Applying Artificial Intelligence Tools to Respond to Reviewers Comments 25/4/2026AD; 8/11/1447H	Events Gate – Malysia 25/4/2026AD; 8/11/1447H	Attendence
(8	International Scientific Workshop: Practical Statistical P-Value Analysis Using SPSS and AI Integration	Events Gate – Malysia 17-18/4/2026AD; 29/10 – 1/11/1447H	Attendence
(9	International Scientific Workshop: Utilizing AI Tools across All Stages of Scientific Research	Events Gate – Malysia 10/4/2026AD;22/10/1447H	Attendence
(10	International Scientific Workshop: Applications of A.I. in Enhancing Scientific Research for Researchers and Postgraduate Students	Events Gate – Malysia 3/4/2026AD; 15/10/1447H	Attendence
(11	International Scientific Workshop: Publishing Strategies for Journals Indexed in Scopus and Web of Science	Events Gate – Malysia 2/4/2026AD;14/10/1447H	Attendence
(12	International Scientific Workshop entitled: Enhancing Scientific Research in Hydrology Using Artificial Intelligence	Events Gate – Malysia 28/3/2026AD;9/10/1447H	Attendence
(13	International Scientific Workshop: Carbon Footprint and Agricultural Sector	Events Gate – Malysia 13/3/2026AD;24/9/1447H	Attendence
(14	International Scientific Workshop: Digital Human Resources Management	Events Gate – Malysia 20/2/2026AD;3/9/1447H	Attendence
(15	International Scientific Workshop: Effective Communication Skills	Events Gate – Malysia 13/2/2026AD;25/8/1447H	Attendence

(16	International Scientific Workshop: Scientific Research In The Era Of AI	Events Gate – Malysia 7/2/2026AD;19/8/1447H	**Attendence**
(17	International Scientific Workshop: Building The Next Generation Of E-Learning Platforms	Events Gate – Malysia 6/2/2026AD;18/8/1447H	**Attendence**
(18	International Scientific Workshop: Research Topic Selection Skills	Events Gate – Malysia 23/1/2026AD;4/8/1447H	**Attendence**
(19	International Scientific Workshop: International Publishing and the Role of Artificial Intelligence in Selecting Suitable Scientific Journals	Events Gate – Malysia 14/9/2025AD;22/3/1447H	**Attendence**
(20	**Workshop entitled:** The Impact of Climate Change and Microplastics on the Aquatic Environment: held as part of The **3rd** International Scientific Conference on Applied Sciences and Advanced Technology, organized by the Scientific Events Gate, the workshop was conducted in alignment with the conference's objectives to enhance academic skills and promote professional development in the field	Events Gate – Malysia 31/7/2025AD;6/2/1447H	**Attendence**
(21	**Workshop entitled:** Modern methods for detection of adulteration of meat: held as part of The **3rd** International Scientific Conference on Applied Sciences and Advanced Technology, organized by the Scientific Events Gate, , the workshop was conducted in alignment with the conference's objectives to enhance academic skills and promote professional development in the field	Events Gate – Malysia 31/7/2025AD;6/2/1447H	**Attendence**
(22	**Workshop entitled:** Green Hydrogen:The Future of Energy: held as part of The **3rd** International Scientific Conference on Applied Sciences and Advanced Technology, organized by the Scientific Events Gate,the workshop was conducted in alignment with the conference's objectives to enhance academic skills and promote professional development in the field	Events Gate – Malysia 30/7/2025AD;5/2/1447H	**Attendence**
(23	**Workshop entitled:** Reference Management Tools in Scientific Research held as part of The **3rd** International Scientific Conference on Applied Sciences and Advanced Technology, organized by the Scientific Events Gate, the workshop was conducted in alignment with the conference's objectives to enhance academic skills and promote professional development in the field	Events Gate – Malysia 30/7/2025AD;5/2/1447H	**Attendence**
(24	**The 3rd International Scientific Conference on Applied Sciences and Advanced Technology**	Events Gate – Malysia 29-31/7/2025AD;4-6/2/1447H	**Attendence**

(25	**Workshop entitled:**Correlation between structural, optical and electrical properties of nanocrystalline thin films **:** held as part of The **3rd** International Scientific Conference on Applied Sciences and Advanced Technology, organized by the Scientific Events Gate; the workshop was conducted in alignment with the conference's objectives to enhance academic skills and promote professional development in the field	Events Gate – Malysia 29/7/2025AD;4/2/1447H	**Attendence**
(26	**Workshop entitled:** Olive Oil: Green Gold Functional Food**:** held as part of The **3rd** International Scientific Conference on Applied Sciences and Advanced Technology, organized by the Scientific Events Gate, the workshop was conducted in alignment with the conference's objectives to enhance academic skills and promote professional development in the field	Events Gate – Malysia 29/7/2025AD;4/2/1447H	**Attendence**
(27	International Scientific Workshop: Advanced Teaching and Learning Strategies	Events Gate – Malysia 22/6/2025AD;26/12/1446H	**Attendence**
(28	Workshop entitled:Preparing and following up on the operational plan for academic programs at the College of Science	College of science - Northern Border University - Kingdom of Saudi Arabia 1/5/2025AD;3/11/1446H	**Attendence**
(29	Workshop entitled:How to raise your H-index and increase the impact of your scientific research	Events Gate – Malysia 25/3/2025AD;12/7/1446H	**Attendence**
(30	Workshop entitled:Enhancing the production of scientific research in the College of Science	College of science - Northern Border University - Kingdom of Saudi Arabia 24/1/2024AD;12/7/1445H	**Attendence**
(31	Workshop entitled:Saudi classification Saqr	The vice presidencyof graduate Studies and Scientific Research - Northern Border University - Kingdom of Saudi Arabia 21/12/2023AD;8/6/1445H	**Attendence**
(32	**The 6th International Conference on Physical and Theoretical Chemistry**	February 22, **2022**,Turkey	E-poster
(33	**Webinar on Catalysis and Chemical Science**	August 29 -30, **2020** Rome, Italy	Poster Presentation
(34	**Forum :**The first telecommunications and technology forum	6-8/3/1427H- 4-6/4/2006AD Arar, Kingdom of Saudia Arabia	**Attendence**
(35	**The 6th scientific conference of students at Northern Border University**	1434/1435 H- 2012/2013AD Arar, Kingdom of Saudia Arabia	Reviwer
(36	**The 7th scientific conference of students at Northern Border University**	1436/1437 H -2014/2015AD Arar, Kingdom of Saudia Arabia	Reviwer

		Workshops-Seminars and Training Courses:
1)	92	**International Scientific Workshop entitled**: Leveraging NotebookLM and Gemini for Smarter Scientific Research 18/7/2026AD;4/2/1448H
2)	91	**International Scientific Workshop entitled**: Developing a Scientific Literature Review and Analyzing Previous Studies Using ChatGPT, Claude, and Gemini 11/7/2026AD;26/1/1448H
3)	90	**International Scientific Workshop entitled**: Artificial Intelligence Mechanisms for Detecting Literary Plagiarism and Paraphrasing 9/7/2026AD;24/1/1448H
4)	89	**International Scientific Workshop entitled**: Using Artificial Intelligence to Create Presentations with Gamma 6/6/2026AD; 20/12/1447H
5)	88	**International Scientific Workshop entitled**: Engineering Research Titles and Developing Problem Statements Using Artificial Intelligence: An Applied Approach to ChatGPT and Gemini 9/5/2026AD;22/11/1447H
6)	87	**International Scientific Workshop entitled**: Using and Applying Artificial Intelligence Tools to Respond to Reviewers Comments 25/4/2026AD; 8/11/1447H
7)	86	**International Scientific Workshop entitled**: Practical Statistical P-Value Analysis Using SPSS and AI Integration 17-18/4/2026AD;29/10 – 1/11/1447H
8)	85	**International Scientific Workshop entitled**: Utilizing AI Tools across All Stages of Scientific Research 10/4/2026AD;22/10/1447H
9)	84	**International Scientific Workshop entitled**: Applications of A.I. in Enhancing Scientific Research for Researchers and Postgraduate Students 3/4/2026AD; 15/10/1447H
10)	83	**International Scientific Workshop entitled**: Publishing Strategies for Journals Indexed in Scopus and Web of Science 2/4/2026AD;14/10/1447H
11)	82	**International Scientific Workshop entitled**: Enhancing Scientific Research in Hydrology Using Artificial Intelligence 28/3/2026AD; 9/10/1447H
12)	81	**International Scientific Workshop entitled**: Carbon Footprint and Agricultural Sector 13/3/2026AD;24/9/1447H
13)	80	**International Scientific Workshop entitled**: Digital Human Resources Management 20/2/2026AD;3/9/1447H
14)	79	**International Scientific Workshop entitled**: Effective Communication Skills 13/2/2026AD;25/8/1447H
15)	78	**International Scientific Workshop entitled**: Scientific Research In The Era Of AI 7/2/2026AD;19/8/1447H
16)	77	**International Scientific Workshop entitled**: Building The Next Generation Of E-Learning Platforms 6/2/2026AD;18/8/1447H
17)	76	**International Scientific Workshop entitled**: Research Topic Selection Skills 23/1/2026AD;4/8/1447H
18)	75	**Training course entitled :** How to Choose the Ideal Electronic Grading System for Paper-Based Exams for Your Educational Institution? 26/11/2025AD;5/6/1447H
19)	74	**International Scientific Workshop entitled**: International Publishing and the Role of Artificial Intelligence in Selecting Suitable Scientific Journals 14/9/2025AD;22/3/1447H
20)	73	**International Scientific Workshop entitled**: Advanced Teaching and Learning Strategies 22/6/2025AD;26/12/1446H

21)	72	Training course entitled: How to create effective multiple-choice questions that assess higher-order thinking skills in higher education 2/6/2025AD; 6/12/1446H
22)	71	Training course entitled: Learn How to Achieve the Highest Accuracy in Test Grading Using Remark Software 17/5/2025AD ; 19/11/1445H
23)	70	**Workshop entitled**: Preparing and following up on the operational plan for academic programs at the College of Science 1/5/2025AD;3/11/1446H
24)	69	Training course entitled: Introduction to Remark: Designing Accurate and Professional Bubble Sheet Forms 26/4/2025AD ; 28/10/1445H
25)	68	Training course entitled Creativity Competencies in Education 12/3/2025AD; 12/9/1446H
26)	67	Training course entitled: Scientific research ethics 11/3/2025AD; 11/9/1446H.
27)	66	Training course entitled: Office 365 Program Basics 10/3/2025AD; 10/9/1446H.
28)	65	**Workshop entitled**: How to raise your H-index and increase the impact of your scientific research 25/3/2025AD;12/7/1446H
29)	64	Training course entitled: Peer Reviewer Training 23/12/2024AD; 22/6/1446H. The webinar will cover what peer review is, how it fits into the publication cycle, reasonable time frames for peer review, different types of peer review, potential bias and how it is avoided, and advice on best practice for both authors and reviewers. There will be plenty of time for questions. The material will be relevant to science, social science, and humanities researchers.
30)	63	Training course entitled: Field Training Management and Development 11/12/2024AD; 10/6/1446H.
31)	62	Training course entitled: Useful Tools and Resources for Increasing Your Success in Publishing 18/12/2024AD; 17/6/1446H.
32)	61	Training course entitled: Choosing Quality Journals 4/12/2024AD; 3/6/1446H. In this informative session, participants will gain essential insights into the criteria for selecting reputable academic journals and strategies to identify and avoid predatory publishing practices. Learn how to distinguish between trustworthy journals and predatory outlets, ensuring your research gets the recognition it deserves in the academic community. Join us to enhance your understanding of the publishing landscape and make informed decisions about your scholarly work
33)	60	Training course entitled: AI Tools to Increase Research Productivity, Integrity and Effective Authorship 26/11/2024AD; 25/5/1446H. Explore how AI tools can dramatically enhance your research productivity, uphold integrity, and foster effective authorship. This session will introduce you to advanced AI technologies that streamline the research process, ensure the accuracy and reliability of data, and improve the efficiency of writing and publishing scholarly papers. Learn about cutting-edge AI applications that assist in data collection, analysis, and interpretation, helping you avoid common pitfalls such as data duplication and plagiarism.
34)	59	Training course entitled: Research Methodologies & Tools 25/11/2024AD; 24/5/1446H. ||IEEE at a glance || Content in Xplore for your institution || IEEE & Open Science - Codes, Datasets, Preprint Severs || Live Demo - Time-saving tips & tricks Stay up to date/current Find new ideas/topics Collaborate & increase your network Automate the results for your search query Advance Search - For competitive analysis Personalization features
35)	58	Training course entitled: Maximizing Research Impact: Enhancing Efficiency and Effectiveness with Web of Science Data and Tools 20/11/2024AD; 19/5/1446H Agenda: • This session is for postgraduate students, researchers, and faculty members only. Session Objectives: - Understand Web of Science platform - Familiarize yourself with Web of Science Core Collection strengths - Explore the Web of Science platform and discover how to optimize your searches, utilize analysis tools, and make use of WoS platform options for your research requirements.
36)	57	Training course entitled: From papers to patents: Innovation Roadmap for universities 13/11/2024AD; 12/5/1446H Agenda: • Innovative mindset: developing an innovative mindset • From idea creation to idea management: a roadmap • Parameters affecting patentable research findings • Innovation adoption lifecycle • Idea generation dynamics
37)	56	Training course entitled: How to Successfully Publish Your Manuscript in a Scientific Journal 13/5/2024AD; 6/11/1445H

38)	55	Training course entitled: Explore Taylor & Francis Author Services Guide: How to Boost your Research Impact 23/4/2024AD; 15/10/1445H Agenda: • What is Author Services Platform and how it can support authors in every step in their publishing Journey? • Accessing the Author Services Platform • What is Research Impact • Importance of Research Impact • How is Research impact Measured • How is Research Impact Achieved • How to boost the impact of your research
39)	54	**An awareness session** in the field of cybersecurity18/4/2024AD; 10/10/1445H
40)	53	Training course entitled: Search and retrieval in Dar Al-Mandhumah databases - Saudi Electronic University 4/3/2024AD; 24/8/1445H Introduction to the system's information bases and their most important features - Ways to access studies and research through the system's information bases interface - Research skills in the digital environment
41)	52	Training course entitled: Ethics in Academic Publishing 21/2/2024AD; 12/8/1445H This session will introduce the common types of ethics issues which can arise in academic publishing, and equip researchers to recognise and avoid them. The talk will provide an overview on when, why and how we can issue a Retraction notice, a Correction notice or an Expression of Concern notice. We will discuss the responsibilities of authors and editors in ensuring the integrity of the scholarly record, and touch upon on authorship issues, permissions & consent, self-citation & text-recycling.
42)	51	Training course entitled: How to be an effective Peer ReviewerDemo 14/2/2024AD; 5/8/1445H This webinar will cover all the essentials of how to be an effective peer reviewer for researchers in all areas, including: • Overview of different types of peer review • The responsibilities of a peer reviewer • How to critically assess an article and write an effective report • What to do if you have ethical concerns about an article you have been asked to review
43)	50	Training course entitled: AMS, MathSciNet 12/2/2024AD; 3/8/1445H American Mathematical Society and MathSciNet.
44)	49	**Workshop entitled**: Enhancing the production of scientific research in the College of Science 24/1/2024AD;12/7/1445H
45)	48	Training course entitled: Taylor & Francis: SSH & S&T Journals Library Overview and Online Demo 6/2/2024AD; 27/7/1445H Taylor and Francis: History and Research Impact Demonstrate the Social Science & Humanities and the Science & Technology Library Subject areas and Highlight Journals Live Demo on how to best use Taylor and Francis Platform
46)	47	Training course entitled: ACS Overview 4/2/2024AD ; 25/7/1445H ACS Overview
47)	46	Training course entitled: AIP Publishing Platform Tutorial 31/1/2024AD; 21/7/1445H Review Pubs.AIP.org platform Address any questions about the platform Go through examples on the platform
48)	45	Training course entitled: The Value of Publishing Open Access 31/1/2024AD; 21/7/1445H What is Open Access Benefits of Open Access Wiley's Open Access Portfolio Wiley Journal Finder Accessing Open Access journals on WOL Where to find author guidelines and Impact Altmetric
49)	44	Training course entitled: Look beyond the Journal Impact Factor with Journal Citation Reports 24/1/2024AD; 14/7/1445H This session is targeting postgraduate students, researchers, and faculty members only. - Understand Journal Citation Reports - Familiarize yourself with the main metrics in Journal Citation Reports - Navigate and search confidently in the Journal Citation Reports platform
50)	43	Training course entitled: Introduction to RefWorks 22/1/2024AD; 12/7/1445H -Understand RefWorks and how to create account - Explore the different options to bring references to your RefWorks account - Organize and manage your references within the account - Generate a bibliography with your chosen format - Experience and use RefWorks tools
51)	42	Training course entitled: Introduction to ProQuest Ebook Central: Overview and Training 15/1/2024AD; 5/7/1445H Identify the strengths of ProQuest Ebook Central platform and content - Recognize the importance of multidisciplinary ebooks in your library - Use ProQuest Ebook Central platform features and tools in learning, research, and teaching
52)	41	Training course entitled: How to Successfully Publish Your Manuscript in a Scientific Journal 20/12/2023AD; 8/6/1445H How publication works Where to find author guidelines and Impact Factor of Wiley journals Writing tips
53)	40	Training course entitled: Accelerating Research with Oxford Journals & Books 19/12/2023AD; 7/6/1445H Introduction to OUP Basic information on Journals & Books and how they work on different levels of Research. How to get the best information for your Research

54)	39	Training course entitled**:** Remark"s 2024 intiative advanced electronic grading solutions of paper based exam 22/11/2023AD ; 10/5/1445H
55)	38	**Workshop entitled**: Saudi classification Saqr 21/12/2023AD;8/6/1445H
56)	37	Training course entitled**:** Responding to reviewers' comments and avoiding plagiarism 7/11/2023AD ; 24/4/1445H What reviewers look for ;What editors expect in responses to reviewers Plagiarism, similarity percentage, and paraphrasing
57)	36	Training course entitled**:** Taylor and Francis Authors' Platform Guide on How to Write the Manuscript? 7/11/2023AD; 24/4/1445H 1. Introduction to Taylor & Francis Group: History & Impact 2. Taylor & Francis Author Services Platform: (A Guide on Every Step of the Publishing Journey) 3. Understand your target journal's instructions for authors 4. Understand the editorial policies and standards of reporting 5. Discuss the four A's: aims, audience, awareness, and articulation 6. Article Structures and Formatting 7. Choosing Keywords 8. Refining your writing 9. Finalizing the paper details before submission
58)	35	Training course entitled**:** Research Basics – Citations 31/10/2023AD ; 17/4/1445H What is a Citation Citations Styles Citation Manager
59)	34	Training course entitled**:** The Value of Publishing Open Access with Wiley 18/10/2023AD ; 4/4/1445H What is open access? Benefits of open access Open Research and Open Data How to submit your manuscript to Wiley Publication tips
60)	33	Training course entitled: Learning to be a more effective academic writer 18/10/2023AD ; 4/4/1445H What is effective writing Strategies of effective writers Systematic approach to developing the skill of writing
61)	32	Training course entitled**:** Making your Research Journey simpler with Oxford Academic Online 10/10/2023AD ; 26/3/1445H
62)	31	Training course entitled: How to Publish with Oxford Journals 27/9/2023AD; 13/3/1445H A general overview of Oxford Journals • The importance of the Impact Factor & how it is generated • Smart searching & browsing techniques to generate quick and accurate results. • How to turn your thesis into an article? • Differences between a thesis and an article? • How to write a manuscript • Types of journal manuscripts • How to select which journal you want to write for • How do you upload a manuscript on the OUP platform –Article submission process • The journal publishing cycle • What is Open Access –Kinds of Open Access • Read & Publish
63)	30	Training course entitled**:** How to use Digital Wiley plattform 20/9/2023AD ; 6/3/1445H
64)	29	Training course entitled: Do Research with Confidence Using Web of Science Core Collection 13/9/2023AD; 28/2/1445H -Training will provide SDL members with an overview of Web of Science platform and collections available to SDL - Live demo on Web of Science platform to cover profile creation, topic search, refine results, analyse results, and citation report - Training is targeting postgraduate students, researchers, and faculty members
65)	28	Training course entitled**:** The use of virtual labs **Prexilabs**. 7/9/2022AD; 11/2/1444H.
66)	27	Training course entitled**:** The modern teaching strategies. 1-2/3/2022AD; 28-29/7/1443H.
67)	26	Training course entitled**:** Designing and developing of academic programs and courses, policies and procedures 20-21/2/2022AD; 19-20/7/1443H.
68)	25	Training course entitled**:** Why and When Molecular Spectroscopy is Right Answer to your Applications 16/2/2021AD; 5/7/1442H.
69)	24	Training course entitled**:** Description and report of course ,program and field experience. 14-22/4/2020AD; 21-29/8/1441H.
70)	23	Training course entitled**:** The basics of cyber security. 7-9/4/2020AD; 14-16/8/1441H.
71)	22	Training course entitled**:** Operation and Calibration of Metteler Toledo Easy Pulse Titrator (Easy pH) 17/11/2019AD; 20/3/1441H.
72)	21	Training course entitled**:** The skills of using photoshop programm in university campus . 11-12/11/2019AD; 14 - 15/3/1441H.
73)	20	Training course entitled**:** Construction of standardize examinations for the end of program(Exit Exam) . 7/11/2019AD; 10/3/1441H.
74)	19	Training course entitled**:** Design and preparation of effective strategic plan . 9/4/2019AD; 4/8/1440H.

75)	18	Training course entitled**:** Design and analysis of electronic questionnaire in scientific research. 18-19/3/2019AD; 12 -13/7/1440H.
76)	17	Training course entitled**:** Employment of brain research in university education and learning. 24-25/10/2018AD; 14 -15/2/1440H
77)	16	Training course entitled: Scientific Research Based On Interview From Preparation To Publishing. 7-8/3/2016AD; 28 -29/5/1437H
78)	15	Training course entitled: Building Achievement Tests. 29-30/3/2016AD; 20 -21/6/1437H
79)	14	Training Workshop entitled: Search And Retrieval In Digital Library Databases. 16/2/2016AD; 7/5/1437H
80)	13	Training course entitled: ProQuest Content And Functionality. 12/3/2015AD; 22/5/1436H
81)	12	Training course entitled: How to use Springer database and Saudi digital liberarySDL. 8-12/3/2015AD; 18 -22/5/1436H
82)	11	Training course entitled:Effective Teaching strategies Program. 1-2/3/2015AD; 11 -12/5/1436H
83)	10	Training course entitled:Presentation skills Program. 1-2/3/2015AD; 11 -12/5/1436H
84)	9	Training course in the e-learning using the black board. 4-6/5/2014AD; 5 -7/7/1435H
85)	8	Training course entitled**:** The development of ability for research. 11/11/2012AD;27/12/1433H
86)	7	Training course entitled**:**The usage of the statistical program SPSS. 19-23/5/2012AD;28/6 -2/7/1433H
87)	6	Training course entitled**:**The quality and academic accreditation. 3-17/3/2012AD;10-24/4/1433H.
88)	5	Training course entitled**:**The art of formulation and preparing questions in university education.30/5-2/6/2009AD; 6-9/6/1430H.
89)	4	Training course entitled: The strategies for teaching university students.24-25/5/2008AD;19-20/5/1429H
90)	3	Training course entitled: The strategic planning for academic societies. 12-13/5/2008AD;7-8/5/1429H
91)	2	Workshop entitled: The art of communication in education.30/4-1/5/2006AD; 2-3/4/1427H
92)	1	Special training course in measurement and educational assessment for staff members 12-22/3/2005 AD;2-12/2/1426H

Theses Supervised:

1. M.Sc. degree at university of Khartoum entitled **:** Investigation of the kinetics of the thermal decomposition of potassium peroxydisulphate**.**
2. M.Sc. degree at university of Elneleen entitled **:** Kinetics of oxidation of some reducing sugars by potassium permanganate in acidic medium by visible spectrophotometry

Published Books:

1. ***"Theoretical Bases of Qualitative and Quantitative Analysis"*** **Nov.2009.** ISBN-6281140 O2242 6**.**
2. ***"Experiments in Volumetric and Gravimetric Analysis"*** **Nov.2009.** ISBN-6281140 O2243 3**.**

Evaluation Committees on Theses:

1. Member and secretaryof the scientific committee for the evaluation of the scientific seminar extracted from Ph.D thesies entitled: " ***Advanced Analytical Biosensing for Cancer Detection and Neural Diagnostics Using Tapered Optical Fiber (TOF) Plasmonic, Protonic, and High-Throughput Microplate-Based Technologies "*** submitted by Mr/ **Baian Alharbi** as requirement for occupation of assistant professor job at chemistry department . faculty of science ,Northern border university **28 October 2025**.
2. Member and secretaryof the scientific committee for the evaluation of the scientific seminar extracted from Ph.D thesies entitled: " ***Fabrication of Titanium Dioxide Materials with Enhanced Optical Properties"*** submitted by Mr/ **Maha Alenezi** as requirement for occupation of assistant professor job at chemistry department . faculty of science ,Northern border university **26 August 2025**.
3. Member of the scientific committee for the evaluation of the scientific seminar extracted from Ph.D thesies entitled: " ***Measuring Nitric Oxide/Peroxynitrite in Function/Dysfunction of Neuronal Nitric Oxide Synthase Using Metalloporphyrin Nanosensors – Implication for Neurodegenerative Diseases"*** submitted by Mr/**Nouf Alsiraey** as requirement for occupation of assistant professor job at chemistry department . faculty of science ,Northern border university **26 May 2025**.
4. Member of the scientific committee for the evaluation of the scientific seminar extracted from Ph.D thesies entitled: " ***di-porphyrins strapped on based assemblies triple-decker***" submitted by Mr/**Muteb Alshammari** as requirement for occupation of assistant professor job at chemistry department . faculty of science ,Northern border university **15 May 2025**.
5. Head of the scientific committee for the evaluation of the scientific seminar extracted from Ph.D thesies entitled: " ***Optimization of Enantiopure Tetrahydro-B-Carbolines as Potent Antimalarials*** " submitted by Miss/**HANAN Almolhim** as requirement for occupation of assistant professor job at chemistry department . faculty of science ,Northern border university **13 June 2023**.
6. Head of the scientific committee for the evaluation of the scientific seminar extracted from Ph.D thesies entitled: " ***Characterization of Lignin Degradation Accessory Enzyme Glycolate Oxidase from Rhodococcus jostii RHA*** " submitted by Mrs/**Awatif Alrwili** as requirement for occupation of assistant professor job at chemistry department . faculty of science ,Northern border university **31 May 2023.**

7. Head of the scientific committee for the evaluation of the scientific seminar extracted from Ph.D thesies entitled: " ***Design and Synthesis of Novel Chiral Iodine (III) Reagents for Enantioselective Synthesis***" submitted by Miss/**Hayfa Alharbi** as requirement for occupation of assistant professor job at chemistry department . faculty of science ,Northern border university **17 April 2022**.

8. External examiner for evaluation of a thesis entitled: "***Synthesis, size characterization and catalytic applications of synthetic and biocompatible polymers capped copper, nickel and silver nanoparticles for efficient eco-remediations of therapeutic medicines, dyes, organic substrates in aqueous media and antibacterial and anticancer activities***" submitted by **S. Kanchana** for the award of pH.D degree at Department Of Physical Chemistry -University Of Madras-Guindy Campus -Chennai - 600 025-India June **2017**

9. Internal examiner for evaluation of a thesis entitled:" ***Improvement of Sudanese reformate gasoline by some environment friendly materials*** " submitted **by Mohammed Ezaldein** for the award of M.Sc. degree at Omdurman Islamic University -Faculty Of Science And Technology -Department Of Chemistry**20 August 2015**.

10. Internal examiner for evaluation of a thesis entitled:" ***Sorption of uranyl ion by low cost adsorbent(Refinery waste water sludge)*** " submitted **by Ihab Sultan** for the award of M.Sc. degree at Omdurman Islamic University -Faculty Of Science And Technology -Department Of Chemistry**13 August 2015**.

11. Internal examiner for evaluation of a thesis entitled: ***"Investigation of the kinetics of the thermal decomposition of potassium peroxydisulphate***" submitted **by Suhyla Altayp Younis** for the award of M.Sc. degree at University Of Khartoum -Faculty Of Education-Department Of Chemistry **24 September2003**.

12. External examiner for evaluation of a thesis entitled:" ***Synthesis and antimicrobial activities of some octahydro-xanthen 1,8 dione derivatives"*** submitted **by Raja Bashar Suliman** for the award of M.Sc. degree at Sudan University Of Science And Technology-Faculty Of Science-Department Of Chemistry **31July2002**.

Reviewer for the following specialized and reputed journals:

1. Journal of Applied Organometallic Chemistry

2. Journal of Molecular Liquids

3. Bioorganic Chemistry

4. Petroleum Chemistry

5. Journal of Physical Science

6. Oriental Journal of Chemistry

7. Journal of Physical Chemistry Research

8. Biotechnology Journal International

9. Journal of The North for Basic & Applied Sciences

Research Interests :

Our research involves :

- Development and application of new methods for analytical measurements to provide improved methodology in a range of applications for Analyses of multi-component systems.
- Selective separation of organic and inorganic pollutants present in complex matrices.
- Preparation and characterization of ionic liquids to explore their potential applications in analytical chemistry including solvent extractions liquid-liquid extractions.
- Atomic absorption determination of trace elements.
- Spectrophotometric determination of transition metal elements.
- Solvent extraction techniques.
- Stoichiometric studies of complex mixtures.
- Kinetic studies and proposing of reaction mechanisms.
- Preparation and characterization of complexes.
- Preparation and characterization of nanoparticles and their applications..
- Experimental measurement and modeling of solubility data and thermodynamic properties
- Establishing Analytical Methods for Environmental Pollutants

Accomplished Funded Scientific Research Projects:

Contribute in the following research projects funded by :

1. The Deanship of Scientific Research, Northern Border University, Kingdom of Saudia Arabia
2. The Deanship of Scientific Research, Vice Presidency for Graduate Studies and Scientific Research, King Faisal University, Saudi Arabia
3. The Deanship of Graduate Studies and Scientific Research, Taif University, Kingdom of Saudia Arabia
4. The Research Center of Basic Sciences, Engineering and High Altitude, Taif University, Kingdom of Saudia Arabia
5. Deanship of Scientific Research, Prince Sattam bin Abdulaziz University, Kingdom of Saudia Arabia
6. Deanship of Scientific Research, Umm Al-Qura University, Kingdom of Saudia Arabia

NO	NO	Project Title & Number	Investigator(s)
1)	56	Hybrid semiconductor based on CuO/Cu2O/CIGS: analysis of photovoltaic properties **Grant No.** Prince Sattam bin Abdulaziz University **PSAU/2026/R/1447**(Co-investigator)	Abdelghani Rahal, Idris Bouchama, M. R. Khalladi, M. A. Ghebouli, M. Fatmi, F. Benlakhdar,S. Alomairy, **Mustafa Jaipallah Abdelmageed Abualreish**, Samah Saidi, Aseel Smerat , Murat Yaylacı
2)	55	Explainable AI-based prediction of lithium-ion battery aging: A comparative study at low and moderate temperatures **Grant No. NBU-FFR-2026-310-06**(Co-investigator)	Fatah Hadji , Atmane Hadji , D. Belfennache , R. Yekhlef , M. Fatmi , Faisal K. Alanazi , Murat Yaylacı , **Mustafa Jaipallah Abdelmageed Abualreish**

3)	54	Development of eco-friendly activated carbon from olive pits for the adsorption of tartrazine with isotherm kinetic and thermodynamic studies **Grant No. TU-DSPP-2024-63-11**(Co-investigator)	Abderrahmane Remil, Abdelkrim Bendoukha Reguig, Mokhtar Saidi, Abdelghani Bouchama, Mohammed El Amine Monir, M. Fatmi, S. Alomairy, Talal M. Algathfi, Aseel Smerat, **Mustafa Jaipallah Abdelmageed Abualreish** & Murat Yaylacı
4)	53	Pressure-dependent structural, mechanical, and electronic properties of XAu (X = Er, Tm) intermetallic compounds from first-principles calculations **Grant No. TU-DSPP-2024-63-10** (Co-investigator)	A. Benmakhlouf, R. Mezouar, S. Daoud, M. A. Ghebouli, M. Fatmi, K. Bouferrache, A. Djemli, **Mustafa Jaipallah Abdelmageed Abualreish**, Aseel Smerat, S. Alomairy & Murat Yaylacı
5)	52	First-principles study of band gap engineering and thermoelectric performance in K_2AgSbX_6 (X = Cl, F, I) double perovskites **Grant No. 26UQU4350207GSSR04** (Co-investigator) .	K. Bouferrache, M. A. Ghebouli, M. Fatmi, Ahmad M. Saeedi, S. Alomairy, **Mustafa Jaipallah Abdelmageed Abualreish** & Aseel Smerat
6)	51	Mechanics-informed machine learning for predicting mechanical properties of heat-treated multi-metal alloys **Grant No. TU-DSPP-2024-63-9** (Co-investigator)	Fatah Hadji, Atmane Hadji, D. Belfennache, A. Alami, S. Alomairy, **Mustafa Jaipallah Abdelmageed Abualreish**, M. Fatmi, M. A. Ghebouli, Aseel Smerat& Murat Yaylacı
7)	50	Solvent Effects on The Solvation and Thermodynamics of Thifensulfuron Methyl in Water-Alcohol Co-Solvent Systems **Grant No. NBU-FFR-2026-1497-09**(Co-investigator)	Adel Noubigh, Rafik Tayeb, and **Mustafa Jaipallah Abualreish**
8)	49	Electronic, optical, thermoelectric and NMR properties of Rb_2XF_6 (X = Si, Pd) double perovskites for advanced energy recovery applications **Grant No. NBU-FFR-2026-310-02**(Co-investigator)	Faisal K. Alanazi · M. Fatmi · M. A. Ghebouli · K. Bouferrache · S. Alomairy· **Mustafa Jaipallah Abdelmageed Abualreish** · Aseel Smerat · Murat Yaylacı
9)	48	Structural, electronic, mechanical and optical properties of $Pu_{1-x}Th_xO_2$ fluorite ceramics: A first-principles study **Grant No.** Prince Sattam bin Abdulaziz University **PSAU/2026/R/1447**(Co-investigator)	K. Bouferrache , M.A. Ghebouli , Samah Saidi , M. Fatmi , **Mustafa Jaipallah Abdelmageed Abualreish** , Aseel Smerat , Murat Yaylacı and S. Alomairy

10)	47	First-principles insights into structural, elastic, electronic, optical, and thermoelectric properties of $ZnRh_2O_4$ spinel oxide ceramic. **Grant No. NBU-FFR-2026-310-01**(Co-investigator)	K. Bouferrache , M. A. Ghebouli, · M. Fatmi , B. Ghebouli · Faisal K. Alanazi, **Mustafa Jaipallah Abdelmageed Abualreish** , Aseel Smerat and Murat Yaylacı
11)	46	The Potential of Tm-Doped GaN: A Comprehensive Study of Magnetic, Optical, and Thermoelectric Properties for Optoelectronic and Energy Conversion Applications **Grant No. TU-DSPP-2024-63-8** (Co-investigator)	K. Bouferrache, M. A. Ghebouli, M. Fatmi, Ghadah Sheetah, S. Alomairy, **Mustafa Jaipallah Abdelmageed Abualreish**, Aseel Smerat & Murat Yaylacı
12)	45	Synergistic optoelectronic and thermoelectric performance in $Rb_2AsAuBr_6$ and $Rb_2AsAuCl_6$ double perovskites for multifunctional energy conversion **Grant No. TU-DSPP-2024-63-7** (Co-investigator)	K. Bouferrache, M. A. Ghebouli, M. Fatmi, Ghadah Sheetah, S. Alomairy, **Mustafa Jaipallah Abdelmageed Abualreish**, Aseel Smerat & Murat Yaylacı
13)	44	First-principles calculations to investigate structural, electronic, optical, thermoelectric and NMR properties of K_2PtC1_6 for optoelectronic and energy conversion applications **Grant No. TU-DSPP-2024-63-6** (Co-investigator)	M.A. Ghebouli , K. Bouferrache , B. Ghebouli , M. Fatmi , Aseel Smerat , **Mustafa Jaipallah Abdelmageed Abualreish** S. Alomairy , Murat Yaylaci
14)	43	Computational study on the effects of solvent and thermodynamic properties of the pharmaceutical compound milrinone in aqueous solutionsof ethanol and 2-propanol. **Grant No. NBU-CRP-2026-1497**. (Co-investigator)	Adel Noubigh ,**Mustafa Jaipallah Abualreish** , Manef Abderrabba
15)	42	Structural, Optical and Thermoelectric Characterization of BaTiO3 for Solar, Sensor and Photonic Applications **Grant No. TU-DSPP-2024-63-5** (Co-investigator)	M. A. Ghebouli, K. Bouferrache, S. Alomairy, N. Bioud, M. Fatmi, B. Ghebouli, Talal M. Althagafi & **Mustafa Jaipallah Abdelmageed Abualreish**
16)	41	Phytochemical Components, Antimicrobial Properties, And Antioxidant Activities Of Lawsonia Inermis Linn (Henna) Leaf Extract **Grant No. NBU-FFR-2025-800-07**(Co-investigator)	Ali Mohamed Masaad, **Mustafa Jaipallah Abdelmageed Abualreish***, Nada Mysara Ahmed Hussein, Adel Noubigh, Ahmed Abdelmoneem Abdallah
17)	40	Structural, electronic, optical, and thermoelectric properties of $CaXO_3$ (X = Si, Ge, Ti) perovskite for photovoltaics and optical devices **Grant No. TU-DSPP-2024-63-4** (Co-investigator)	M. Fatmi, M. A. Ghebouli, K. Bouferrache, B. Ghebouli, S. Alomairy, **Mustafa Jaipallah Abdelmageed Abualreish**, Aseel Smerat & Murat Yaylacı
18)	39	Mechanical and fracture analysis of polyoxymethylene for industrial, aerospace and automotive structures **Grant No. TU-DSPP-2024-63-3** (Co-investigator)	Sid Ahmed Reffas , R. Yekhlef b, D. Belfennache , M. Fatmi , M.A. Ghebouli , S. Alomairy , **Mustafa Jaipallah Abdelmageed Abualreish** , Aseel Smerat

19)	38	Electronic and optical properties of lead-free $K_2AgSbBr_6$ double perovskite tuned by doping elements Cu^{+}, Bi^{3+}, and I^{-} **Grant No. TU-DSPP-2024-63-2** (Co-investigator)	F. Benlakhdar1, M. A. Ghebouli, M. Fatmi, B. Ghebouli, S. Alomairy, **Mustafa Jaipallah Abdelmageed Abualreish**, Talal Althagafi & W. Djerir
20)	37	Lavender cotton (Achillea fragrantissima (Forssk.) Sch.Bip. (Asteraceae)), a common herbal tea and food additives in Middle East: variation of volatiles and chemical profiling **Grant No. RG-NBU- 2022-1820**(Co-investigator)	Arbi Guetat; Abdelrhman T. Abdelwahab; Marwa A. Abdelfattah; Abd Ealrhman M. Elhaj; Roaa T. Mogharbel; **M. J. A. Abualreish**; Abdullah F. Alanazi; Abdennacer Boulila; Ismail M. A. Shahhat
21)	36	Solvent driven morphology for molecular level insights into enhancing organic solar cell performance in P3HT-PCBM bulk heterojunctions **Grant No. TU-DSPP-2024-63-1** (Co-investigator)	Salah Eddine Seghiri; Sid Ahmed Sabeur; M.A. Ghebouli; B. Ghebouli; Talal M. Althagafi; S. Alomairy; M. Fatmi; **Mustafa Jaipallah Abdelmageed Abualreish**
22)	35	Influence of Laser Light on Specific Physical and Chemical Characteristics of Diesel Fuel. **Grant No. NBU-FFR-2025-800-05** (Co-investigator)	Masaad A. M, **Abualreish M. J. A***
23)	34	Complexation Features of Quinoxalyl-Hydrazone Ligand Towards Oxo-Zirconium (IV) and Oxo-Vanadium (IV) Ions for Biological Studies and Catalytic Oxidation of Alcohols**[Grant No. KFU251642]** (Co-investigator)	Mohamed Shaker S. Adam, Ahmed Desoky M. Mohamad, **Mustafa.J Abdelmageed Abualreish**,Omran A. Omran, , Zakaria S. Bakhuraisa ,Ahmed Khalil
24)	33	Pistacia Palaestina Leaf Powder as a Sustainable Adsorbent for Antibiotic Removal: Isotherm, Kinetic, Thermodynamic, and Quantum Chemical Investigations **Grant No. NBU-FFR-2025-800-04** (Co-investigator)	Rasheed Jamhour Ashraf M. Al-Msiedeen Luma M. Al-Qawabaa Aya A. Al-Ewirat **Mustafa J. A. Abualreish** Samer Alawaideh
25)	32	Enhanced removal of the crystal violet dye from aqueous medium using tripolyphosphate–functionalized Zn–substituted magnetite nanoparticles **Grant No. NBU-FFR-2025-2482-01** (Co-investigator)	Lotfi Ben Tahar , Roaa Mogharbel , Yasmeen Hameed , Adel Noubigh , **Mustafa Jaip Allah Abd Elmageed Abualreish** , Ahmed Hamad Alanazi , Mohammad Rafe Hatshan
26)	31	Manganese(II) complexes of thiophenyl imino-ligand with synergistic behavior in biological systems, ct-DNA interactions, and catalytic oxidative performance of benzyl alcohol [**Grant No. KFU250502**] (Co-investigator)	Mohamed Shaker S. Adam , Zakaria S. Bakhuraisa , **Mustafa J. Abdelmageed Abualreish** , Ahmed Desoky M. Mohamad , Mamdouh A. Mohamed
27)	30	Cobalt(II) complexes of tri-dentate S,N,S-thiophenyl Schiff base ligand for prospective biological studies and ct-DNA interaction. Catalytic benzyl alcohol oxidative performance [**Grant No. KFU250389**] (Co-investigator)	Zakaria S. Bakhuraisa , Ahmed Khalil , **Mustafa J. Abdelmageed Abualreish** , Ahmed Desoky M. Mohamad , Mamdouh A. Mohamed , Mohamed Shaker S. Adam

28)	29	Removal of Eriochrome Black T (EBT) and Its Pb(II)-, Cu(II)-, and Zn(II)-Based Metal Complexes from Aqueous Solutions Using Spent Coffee Grounds: Part A – Characterization and Adsorption Isotherms **Grant No. NBU-FFR-2025-800-03** (Principal -investigator)	Ashraf Al-Msiedeen, Rasheed M. A. Q. Jamhour, Rand Al-Faraheed, Muayad Esaifan and Mohannad Jamhour, **Mustafa J.A. Abualreish**
29)	28	Barite Adsorption Efficiency For Removal Of Mannose. Experimental Measurements and Equilibrium Study **Grant No. NBU-FFR-2025-800-02** (Principal -investigator)	**Mustafa J. Abdelmageed Abualreish**
30)	27	Biological and catalytic evaluation for nickel(II) and oxyvanadium(II) chelates of tri-dentate hydrazone-quinoxalyl ligand . **Grant No. NBU-FFR-2025-800-01** (Co-investigator)	Mohamed Shaker S. Adam, **Mustafa J. Abdelmageed Abualreish**, Ahmed Desoky M. Mohamad, Omran A. Omran, Mamdouh A. Mohamed
31)	26	Salvia deserti Decne., an endemic and rare subshrub from Arabian desert: antidiabetic and antihyperlipidemic effects of leaf hydroethanolic extracts **Grant No. RG-NBU- 2022-1820**(Co-investigator)	Guetat A, Selmi S, Abdelwahab AT, Abdelfattah MA, Elhaj AEM, Mogharbel RT, **Abualreish MJA**, Alanazi AF, Hosni K, Mejri N and Boulila A
32)	25	Divalent Organo-Bimetallic Chelates of Poly-Dentate O,N,O-dihydrazone Ligand as Effective Agents for Antitumor and Antimicrobial Assays, Interacting Modes With DNA **Grant No. NBU-FFR-2024-800-07** (Co-investigator)	Mohamed Shaker S. Adam , Mostafa Y. Nassar ,**Mustafa J. Abdelmageed Abualreish** , Mamdouh A. Mohamed , Ahmed Desoky M. Mohamad
33)	24	Study on solubility and solvation thermodynamics for the advancement of biorelevant activities of L-isoleucine and L-serine in aqueous ammonium chloride solutions in the temperature range of 288.15–308.15 K **Grant No. NBU-FFR-2024-800-06** (Co-investigator)	Biplab Ghosh , Jit Chakraborty , **Mustafa J.A. Abualreish** , Pratima Mondal , Kalachand Mahali , A.M.A. Henaish , Sanjay Roy
34)	23	Solubility Properties of Glycine in Aqueous NH_4Cl and $(NH_4)_2SO_4$ Solutions from = 288.15 K to 308.15 K **Grant No. NBU-FFR-2024-800-05** (Co-investigator)	A. Sahaa , J. Chakrabortyb, **M.J.A. Abualreish, S.** Kundue, K. Mahalib,, S. Ganaia, P. Mukherjeea and S. Roy
35)	22	New chelating quinoxalyl hydrazone derivative, as tridentate ligand for complexation with Co(II), Ni(II), and Cu(II) ions. Development of antitumor, antimicrobial, and DNA reactivity **Grant No. NBU-FFR-2024-800-04** (Co-investigator)	Mohamed Shaker S. Adam , **Mustafa J. Abdelmageed Abualreish** , Amr Negm , Waleed E. Boraie , Eman A. Ahmed , Omran A. Omran , Ahmed Desoky M. Mohamad
36)	21	Synchronous analysis of acetaminophen, codeine, and caffeine in human fluids employing graphite screen-printed electrodes **Grant No. NBU-FFR-2024-800-03** (Co-investigator)	Bahaa G. Mahmoud, **Mustafa. J. A. Abualreish**, Mohamed Ismael, and Mohamed Khairy
37)	20	Effects of calcium and barium chloride salts on the solubility and dissolution thermodynamics of glycine and DL-alanine from 288.15 K to 328.15 K. **Grant No. NBU-FFR-2024-800-02** (Co-investigator)	Sourav Ghosh , Avishek Saha a, **Mustafa J.A. Abualreish** , Sintu Ganai , Puspal Mukherjee , Kalachand Mahali , A.M.A. Henaish , Bidyut Saha , Simanta Kundu , Sanjay Roy

38)	19	Nanocomposite TiO2ZnO coated by copper (II) complex of di-Schiff bases with biological activity evaluation **Grant No. NBU-FFR-2024-800-01** (Co-investigator)	Mohamed Shaker S. Adam , Amel Taha , **Mustafa J. Abdelmageed Abualreish** , Amr Negm , Mohamed M. Makhlouf.
39)	18	Complexation behavior of copper and zinc divalent ions towards diisatin malonyl dihydrazone ligand with biological and catalytic assessments **Grant No. NBU-FFR-2023-0171** (Co-investigator)	Mohamed Shaker S. Adam, Alhanoof S. I. Alghanim1 , **Mustafa J. Abdelmageed Abualreish**, Amel Taha1 ,Ahmed D. M. Mohamad
40)	17	Functionalized Spinel –Type Ferrites Nanoparticles for Adsorptive removal of Chemical Contaminants **Grant No. SCIA-2023-12-2172**(Co-investigator)	Lotfi Ben Tahar, Roaa T. Mogharbel ,Adel Noubigh **,Mustafa Jaip Allah Abd Elmageed Abualreish**,
41)	16	Experimental study and correlation of the solid-liquid equilibrium of some amino acids in binary organic solvents **Grant No. SCIA-2023-12-2150** (Principal -investigator)	**Mustafa Jaip Allah Abd Elmageed Abualreish**,Adel Noubigh, Lotfi Ben Tahar
42)	15	Solubility and preferential solvation of some drug compounds in binary mixed solvents at different temperatures **Grant No. SCIA-2023-12-2046**(Co-investigator)	Adel Noubigh, **Mustafa Jaip Allah Abd Elmageed Abualreish**, Lotfi Ben Tahar
43)	14	Nanosized nickel hexacyanoferrate modified platinum electrode for promoting hydrogen evolution reaction in alkaline medium **Grant No. NBU- FFR-2023-0019**(Co-investigator)	Khaled G. Mahmoud, **Mustafa J. Abdelmageed Abualreish**, Mohamed Khairy
44)	13	Solubility measurement of syringic acid, trans-cinnamic acid, p-coumaric acid, and vanillin constituent of Deverra DC. genus in (ethyl acetate + ethyl alcohol) mixtures: Thermodynamic modeling and preferential solvation **Grant No. RG-NBU- 2022-1820**(Co-investigator)	Adel Noubigh , **Mustafa Jaipallah Abualreish** , Roaa T. Mogharbel , Abdullah F. Alanazi , Turki S. Alanazi , Arbi Guetat
45)	12	Optimization of Reaction Variables in the Sol-Gel Synthesis of Ni0.5Zn0.5Fe2O4 Nanoparticles as a Very Fast Adsorbent of Methylene Blue **Grant No. SCIA-2022-11-1487**(Co-investigator)	Lotfi Ben Tahar, **Mustafa Jaip Allah Abd Elmageed Abualreish**, Adel Noubigh
46)	11	Comprehensive Catalytic and Biological Studies on New designed oxo- and dioxo Metal(IV/VII) organic Complexes of Aroylhydrazone frameworks **Grant No. SCIA-2022-11-F-1796** (Principal-investigator).	**M. J. A. Abualreish** ,Ahmad Desoky M. Mohamad, and Mohamed Shaker S.
47)	10	Clay and Cement Shielding Behavior from Gamma Sources **Grant No. NBU-FFR-2024-52-01**(Co-investigator)	Mohamed Eltayeb M. Eisa, Mohammed D.M.Ali and **Mustafa J. Abualreish**,
48)	9	Elastic Backscattered Cross-Sections Of 14N(P, P_0)14N At High Angles **Grant No. SCI-2019-3-10-F-7797**(Co-investigator)	Mohamed Eltayeb M. Eisa, Johan Andre Mars**, Mustafa J. Abualreish**, Marwa L. Waregh
49)	8	Temperature and salt effects of the Kinetic reactions of substituted 2-pyridylmethylene-8-quinolyl iron (II) complexes as antimicrobial and anti-cancer agents with Cyanide ions **Grant No. SCI-2019-3-10-F-5689** (Co-investigator)	Ahmad Desoky M. Mohamad,**M. J. A. Abualreish** and Ahmed M. Abu-Dief

50)	7	Experimental measurement and modeling of solubility data and thermodynamic properties of some amino acids found in plants in aqueous chloride and sulfate salts solutions at different temperature. **Grant No. SCI-2018-3-9-F-7646** (Principal-investigator). 1/5/1440H,17/1/**2019**	**Mustafa Jaipallah Abualreish** and Adel Noubigh
51)	6	Antimicrobial and anticancer activities of Cobalt (III)-hydrazone complexes: Solubilities, Transfer Chemical Potentials in different organic co-solvent - water mixtures **Grant No. SCI-2018-3-9-F-7679** (Co-investigator)	Ahmad Desoky M. Mohamad,**M. J. A. Abualreish** and Ahmed M. Abu-Dief
52)	5	Evaluation of thermodynamic properties and correlation of L-glutamic acid solubility in some aqueous chloride solutions from 298.15 to 323.15 K. **Grant No. SCI-2017-1-8-F-7208** (Principal-investigator). 1/5/1439H,17/1/2018	**Mustafa Jaipallah Abualreish** and Adel Noubigh
53)	4	Novel tin(IV) complexes derived from benzimidazoles: Synthesis, Molecular structure and Spectral properties. **Grant No. SCI-2016-1-6-F-4679**(Co-investigator). 1/8/1437H,8/5/**2016**	Akremi, A, Noubigh. A, **M.J.A. Abualreish**
54)	3	Synthesis of magnetite derivatives nanoparticles and their application for the removal of chromium (VI) from aqueous solutions. **Grant No. SCI-2016-1-6-F-5761**(Co-investigator). 27/12/1437H,29/12/**2016**	Lotfi Ben Tahar, Mohamed Habib Oueslati, **M.J.A. Abualreish**
55)	2	Kinetics studies and effect of solvent on reactivity trends of Fe(II) and Co(III) complexes of tridentate imine and hydrazone ligands. **Grant No. SCI-2014-435-031-5**(Co-investigator). 2/7/1435H,1/5/**2014**	Ahmad Desoky M. Mohamad, **M. J. A. Abualreish** and Mohamed Shaker S.
56)	1	Determination of natural phosphate (from Hazm elglamaid) by qualitative and quantitative analysis . **Grant No. SCI-2013-434-033** (Co-investigator). 4/5/1434H,15/3/**2013**	Abdullah Aissa, Abdalazeem Abdeen, **Mustafa Jaipallah Abualreish**

NO	NO	Publications:
1)	100	Abdelghani Rahal, Idris Bouchama, M. R. Khalladi, M. A. Ghebouli, M. Fatmi, F. Benlakhdar,S. Alomairy, **Mustafa Jaipallah Abdelmageed Abualreish**, Samah Saidi, Aseel Smerat , Murat Yaylacı"Hybrid semiconductor based on CuO/Cu2O/CIGS: analysis of photovoltaic properties "***(2026)***. ***Journal of Sol-Gel Science and Technology,*** 119:17 https://doi.org/10.1007/s10971-026-07213-0 ***Springer Nature***
2)	99	Fatah Hadji , Atmane Hadji , D. Belfennache , R. Yekhlef , M. Fatmi , Faisal K. Alanazi , Murat Yaylacı , **Mustafa Jaipallah Abdelmageed Abualreish**"Explainable AI-based prediction of lithium-ion battery aging: A comparative study at low and moderate temperatures "***(2026)***. ***Journal of Electroanalytical Chemistry***, **1018** ,120421https://doi.org/10.1016/j.jelechem.2026.120421 ***Elsevier***
3)	98	Abderrahmane Remil, Abdelkrim Bendoukha Reguig, Mokhtar Saidi, Abdelghani Bouchama, Mohammed El Amine Monir, M. Fatmi, S. Alomairy, Talal M. Algathfi, Aseel Smerat, **Mustafa Jaipallah Abdelmageed Abualreish** & Murat Yaylacı"Development of eco-friendly activated carbon from olive pits for the adsorption of tartrazine with isotherm kinetic and thermodynamic studies "***(2026)***. ***Scientific Reports*** https://doi.org/10.1038/s41598-026-56460-2 ***Springer Nature***
4)	97	A. Benmakhlouf, R. Mezouar, S. Daoud, M. A. Ghebouli, M. Fatmi, K. Bouferrache, A. Djemli, **Mustafa Jaipallah Abdelmageed Abualreish**, Aseel Smerat, S. Alomairy & Murat Yaylacı"Pressure-dependent structural, mechanical, and electronic properties of XAu (X = Er, Tm) intermetallic compounds from first-principles calculations "***(2026)***. ***Scientific Reports*** https://doi.org/10.1038/s41598-026-57882-8 ***Springer Nature***
5)	96	K. Bouferrache, M. A. Ghebouli, M. Fatmi, Ahmad M. Saeedi, S. Alomairy, **Mustafa Jaipallah Abdelmageed Abualreish** & Aseel Smerat"First-principles study of band gap engineering and thermoelectric performance in K_2AgSbX_6 (X = Cl, F, I) double perovskites "***(2026)***. ***Scientific Reports*** https://doi.org/10.1038/s41598-026-58427-9 ***Springer Nature***
6)	95	F. Benlakhdar· Idris Bouchama · M. A. Ghebouli · M. Fatmi · S. Boudour · Faisal K. Alanazi· **Mustafa Jaipallah Abdelmageed Abualreish**· Aseel Smerat · Maha Alotaibi" First-principles investigation of structural, electronic, and optical properties of Te-doped ZnO ""***(2026)***. ***Journal of the Korean Physical Society*** doi.org/10.1007/s40042-026-01692-8
7)	94	Adel Noubigh, Rafik Tayeb, and **Mustafa Jaipallah Abualreish**" Solvent Effects on The Solvation and Thermodynamics of Thifensulfuron Methyl in Water-Alcohol Co-Solvent Systems "***(2026)***. ***Bull. Chem. Soc. Ethiop*** 40(9), 1947-1960. dx.doi.org/10.4314/bcse.v40i9.9
8)	93	Fatah Hadji, Atmane Hadji, D. Belfennache, A. Alami, S. Alomairy, **Mustafa Jaipallah Abdelmageed Abualreish**, M. Fatmi, M. A. Ghebouli, Aseel Smerat& Murat Yaylacı"Mechanics-informed machine learning for predicting mechanical properties of heat-treated multi-metal alloys "***(2026)***. ***Scientific Reports*** 16:19259 doi.org/10.1038/s41598-026-50390-9 ***Springer Nature***
9)	92	Faisal K. Alanazi · M. Fatmi · M. A. Ghebouli · K. Bouferrache · S. Alomairy· **Mustafa Jaipallah Abdelmageed Abualreish** · Aseel Smerat · Murat Yaylacı "Electronic, optical, thermoelectric and NMR properties of Rb_2XF_6 (X = Si, Pd) double perovskites for advanced energy recovery applications"".***(2026)*** ***Applied Physics A*** 132:581.https://doi.org/10.1007/s00339-026-09655-3 ***Springer Nature***

10)	91	M. Souakir1 , H. Benamrani1 · M. Fatmi , M. A. Ghebouli , Faisal K. Alanazi, **Mustafa Jaipallah Abdelmageed Abualreish** , Aseel Smerat and Murat Yaylacı" Metal–polymer multilayer structures (PMMA/Al–Ag, Sn–Cu) for resistive memory applications ".***(2026) J Polym Res* 33**, 212 . Metal–polymer | Springer Nature Link***Springer Nature***
11)	90	K. Bouferrache , M.A. Ghebouli , Samah Saidi , M. Fatmi , **Mustafa Jaipallah Abdelmageed Abualreish** , Aseel Smerat , Murat Yaylacı and S. Alomairy"Structural, electronic, mechanical and optical properties of $Pu_{1-x}Th_xO_2$ fluorite ceramics: A first-principles study "***(2026)*. *Materials Today Communications***,53 ,15356 Structural: A first-principles study - ScienceDirect ***Elsevier***
12)	89	Leila Mouacher, Ouidad Saiah, Aicha Brassi, Bendoukha Abdelkrim Reguig, Ahmed Yahiaoui, Haroun Houicha, Mohammed El Amine Monir, M. Fatmi, **Mustafa Jaipallah Abdelmageed Abualreish**, Murat Yaylacı & Aseel Smerat "High-performance and regenerable poly(2-aminothiazole)-modified montmorillonite for textile dye removal "***(2026)*. *BMC Chemistry*** | BMC Chemistry | Springer Nature Link ***Springer Nature***
13)	88	K. Bouferrache , M. A. Ghebouli, · M. Fatmi , B. Ghebouli · Faisal K. Alanazi, **Mustafa Jaipallah Abdelmageed Abualreish** , Aseel Smerat and Murat Yaylacı"First-principles insights into structural, elastic, electronic, optical, and thermoelectric properties of $ZnRh_2O_4$ spinel oxide ceramic " ***(2026)*. *Journal of the Korean Ceramic Society*** https://doi.org/10.1007/s43207-026-00616-3 ***Springer Nature***
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90)	11	**Abualreish .M.J.A***"A stoichiometric study on the uncatalysed reaction between potassium peroxydisulphate and L(-)arabinose"* **(2009) *Int.J.ChemTech Res*, 1(4), 1326-1330.**
91)	10	**Abualreish .M.J.A***"A stoichiometric study on the reaction between ferric ion and p-Chloro –N-Phenyl– p-Chloro Benzo hydroxamic acid "* **(2009) *International Journal of Applied Chemistry*, 5(1), 17-25**
92)	9	**Abualreish .M.J.A***"A stoichiometric study on the reaction between ferric ion and p-Chloro –N-Phenyl– p-Chloro Benzo hydroxamic acid "* **(2009) *Oriental Journal of Chemistry*, 25(1) , 57-62.**
93)	8	**Abualreish .M.J.A**. *" Investigation Of The physical Adsorption Of glucose On Barium Sulphate Crystallites In Aqueous Neutral Solution At Room Temperature" (* **2008) *International Journal of Applied Chemistry*, 4(1) , 37-48**
94)	7	**Abualreish .M.J.A***" Physical Parameters Of The Uncatalysed Thermal Decomposition Of Potassium Peroxydisulphate In Neutral Solution" (* **2008*) Material Science Research*, 5(2) , 261- 266.**
95)	6	**Abualreish .M.J.A***" Adsorption Isotherms Of Glucose On Barium Sulphate Crystallites In Aqueous Positively Charged Solution At Room Temperature" (* **2008) *Asian Journal of Chemistry*, 20(7) , 5614-5620**
96)	5	**Abualreis*h* .M.J.*A***" Determination Of The Stability Constant Of CO^{+2} – p-Chloro –N-Phenyl– p-Chloro Benzo hydroxamic acid Complex" (* **2007*) Oriental Journal of Chemistry*, 23 (3) , 857-864.**
97)	4	**Abualreish .M.J.A***" The Storage Effect Of The Clove Plant and The Isolation Of The Active Ingredient "Eugenol" From Eugenia Caryophllata "clove bud oil"" (* **2007) *Oriental Journal of Chemistry*, 23(3), 897-902.**
98)	3	**Abualreish .M.J.A***" Determination of the metal - ligand ratio in the complex Cu (II)– p-Chloro–N- phenyl– p-Chlorobenzo hydroxamic acid " (* **2007) *Oriental Journal of Chemistry*, 23 (2) , 483-490.**
99)	2	**Abualreish .M.J.A***" Spectrophotometric Investigation Of The physical Adsorption Of glucose On Barium Sulphate Crystallites In Aqueous Negatively Charged Solution At Room Temperature" (* **2007) *Oriental Journal of Chemistry*, 23 (2) , 505-514.**
100)	1	**Abualreish .M.J.A***" C - C Percentage Oxidative Cleavage Of The lactose Molecule by Potassium Peroxydisulphate" (* **2007) *Oriental Journal of Chemistry*, 23 (2) , 577-582**.

Community and Volunteer Service Activities:

NO	NO.	Activity	Date
1)	55	Effective effort into implementing the opportunity (Organizing the winter clothing initiative)	6-7/9/1447H 23-24/2/2026AD
2)	54	Effective effort into implementing the opportunity (Designing images for Social Responsibility Day)	28/8- 5/9/1447H 16-22/2/2026AD
3)	53	Effective effort into implementing the opportunity (Preparing a lecture entitled "Introduction to Virtual and Augmented Reality")	27/8/1447H 15/2/2026AD
4)	52	Effective effort into implementing the opportunity (Presentation of a case study entitled Design and Implementation of an Ancillary Water Level Alarm System)	26/8/1447H 14/2/2026AD
5)	51	Effective effort into implementing the opportunity (The concept of descriptive chemical analysis)	8/8/1447H 27/1/2026AD
6)	50	Effective effort into implementing the opportunity (The concept of quantitative chemical analysis)	7/8/1447H 26/1/2026AD
7)	49	Effective effort into implementing the opportunity (Administrative Assistant)	22/7-6/8/1447H 11-25/1/2026AD
8)	48	Effective effort into implementing the opportunity (Organizing the Generation of Science event: From Learning to Inspiration)	18-19/7/1447H 7-8/1/2026AD
9)	47	Effective effort into implementing the opportunity (Organizing student movement and providing on-site support during final exams)	10-11/7/1447H 30-31/12/2025AD
10)	46	Effective effort into implementing the opportunity (Organizing and activating International Volunteer Day instills a spirit of giving in the hearts of students.)	27/6/1447H 18/12/2025AD
11)	45	Effective effort into implementing the opportunity (Organizing and activating the International Day of Persons with Disabilities)	26/6/1447H 17/12/2025AD
12)	44	Effective effort into implementing the opportunity (Preparing a course entitled "Statistics in the Service of Justice)	23/6/1447H 14/12/2025AD
13)	43	Effective effort into implementing the opportunity (Preparing a course entitled Cybersecurity)	19/6/1447H 10/12/2025AD
14)	42	Effective effort into implementing the opportunity (Workshop on artificial intelligence and robotics)	18/6/1447H 9/12/2025AD
15)	41	Effective effort into implementing the opportunity (Creating infographic designs to enhance presentation skills among graduate students)	9-10/6/1447H 30/11-1/12/2025AD

16)	40	Effective effort into implementing the opportunity (Matching the data of those accepted for rainfed lands)	25-29/5/1447H 16-20/11/2025AD
17)	39	Effective effort into implementing the opportunity (World Cities Day)	10-13/5/1447H 1-4/11/2025AD
18)	38	Effective effort into implementing the opportunity (Performing office tasks)	22/4-4/5/1447H 14-26/10/2025AD
19)	37	Effective effort into implementing the opportunity(A post was published about World Mental Health Day)	15-19/4/1447H 7-11/10/2025AD
20)	36	Effective effort into implementing the opportunity(Green Mosques)	10-12/4/1447H 2-4/10/2025AD
21)	35	Effective effort into implementing the opportunity(International Day of Awareness of Food Loss and Waste)	3-8/4/1447H 25-30/9/2025AD
22)	34	Effective effort into implementing the opportunity(Activating World Cleanup Day)	28/3-1/4/1447H 20-23/9/2025AD
23)	33	Effective effort into implementing the opportunity(Organizing and preparing an energy efficiency workshop at the Northern Border University, male section)	11- 18/3/1447H 3-10/9/2025AD
24)	32	Effective effort into implementing the opportunity (Active participation in preparing for the first week's events and welcoming new students at Science College for the academic year 1447/1448 H - Northern Border University - Kingdom of Saudi Arabia)	27/2/1447H 21/8/2025AD
25)	31	Effective effort into implementing the opportunity(Invitation and watering)	15/1-6/2/1447H 10-31/7/2025AD
26)	30	Participating in implementing a scientific lecture on the occasion of the activation of the Gulf Day and the National Week for Talent and Creativity 2025 AD as a community service.	10/9/1446H 10/3/2025AD
27)	29	Effective effort into implementing the opportunity (Publishing and marketing the projects of the Saed Charity Association)	6-10/12/1446H 2-6/6/2025AD
28)	28	Effective effort into implementing the opportunity (Organizing a physics exhibition for scientific experiments.)	9/11/1446H 7/5/2025AD
29)	27	Effective effort into implementing the opportunity (Preparing and designing training bags.)	8/11/1446H 6/5/2025AD
30)	26	Effective effort into implementing the opportunity (prepare an educational lecture on the role of artificial intelligence in monitoring environmental pollution.)	7/11/1446H 5/5/2025AD
31)	25	Effective effort into implementing the opportunity (prepare a course entitled"National Exams Nafis")	6/11/1446H 4/5/2025AD
32)	24	Effective effort into implementing the opportunity to prepare a course entitled "Mathematical Applications: Cryptography Using Linear Algebra"	3/11/1446H 1/5/2025AD

33)	23	Effective effort into implementing the opportunity to prepare a training course entitled" How to Get a Job "	30/10/1446H 28/4/2025AD
34)	22	Active participation in the workshop entitled: enhancing scientific research production at the College of Science , Northern Border University, Kingdom of Saudia Arabia	12/7/1445H 24/1/2024AD
35)	21	Active participation in the induction day of the College of Science Academic year 1444/1445H, Northern Border University, Kingdom of Saudia Arabia	1444/1445H 2023/2024 AD
36)	20	Active participation and distinguished efforts in providing requirements, evidence, and participation in academic accreditation sessions for College of Science programs for the academic year 1444/1445 AH - Northern Border University - Kingdom of Saudi Arabia	1444/1445H 2023/2024AD
37)	19	Active participation and distinguished efforts in the academic accreditation project and the virtual visit to the Computer Science Program at College of Science, Northern Border Universityto obtain programmatic accreditation from the National Center for Academic Accreditation and Evaluation NCAAA at Kingdom of Saudia Arabia during the period from 23-25/10/2022 AD	28-30/3/1444H 23-25/10/2023AD
38)	18	Active participation and distinguished efforts during the virtual visit to the College of Science at Northern Border University with the National Center for Academic Accreditation and Assessment (NCAAA) team in the Kingdom of Saudi Arabia during the period from 3-7/4/2021 AD	21-25/9/1442H 3-7/4/2021AD
39)	17	Participating in closing the initiative to establish proposed controls and provisions related to scientific research ethics and proposing appropriate models that meet the needs of scientific research ethics committees in implementation of the initiative (2.1.1.3) of the Northern Border University Strategic Plan 2020-2025 AD - Kingdom of Saudi Arabia.	22/8/1444H 14/3/2023AD
40)	16	Participating in implementing the Initiative to Establish an Academy for the Gifted and Talented, a Program for Caring for the Gifted, and Code (1.1.3.2) from the initiatives of the University Agency for Academic Affairs in the new strategic plan of the Northern Border University 2020-2025 AD - Kingdom of Saudi Arabia.	1/8/1442H ; 14/3/2021AD
41)	15	Active participation in preparing the strategic and operational plan for programs, attracting and nurturing talented people at Northern Border University - Kingdom of Saudi Arabia., and investing their talents and abilities to serve the university and the country in general.	25/4/1441H 22/12/2019AD
42)	14	Participating in implementing the activities of the Mawhiba Summer Enrichment Program 2019 as a community service	26/6/1441H 20/2/2020AD
43)	13	Effective contribution to the success of the first phase of the stand ardized test(Exit Exam) organized by the vice presidency for Academic Affairs at Northern Border University- Kingdom of Saudi Arabia.	18/04/1441H 15/12/2019AD
44)	12	Participation and effort as a financial and administrative coordinator in the local enrichment Mawhiba program held at the Northern Border University in Arar, Kingdom of Saudi Arabia from 11-29 Dhul-Qi'dah 1440 AH.	11-29/11/1440H 13-31/7/2019AD
45)	11	Participation in completing the academic accreditation requirements (ABET) for the College of Engineering - Northern Border University - Kingdom of Saudi Arabia	22/03/1439H 10/12/2017AD
46)	10	Active participation in the arbitration of scientific research in the seventh scientific conference for students of the Northern Border University, KSA	1436/1437H 2014/2015AD

47)	9	Outstanding effort and serious participation in student activities for the academic year 1435/1436 AH at the College of Science - Northern Border University - Kingdom of Saudi Arabia	1435/1436H 2013/2014 AD
48)	8	Outstanding effort and serious participation in scientific publishing for the academic year 1434/1435 AH at the College of Science - Northern Border University - Kingdom of Saudi Arabia	1434/1435H 2012/2013 AD
49)	7	Outstanding effort and serious participation in the scientific conference for the academic year 1434/1435 AH at the College of Science - Northern Border University - Kingdom of Saudi Arabia	1434/1435H 2012/2013 AD
50)	6	Outstanding effort and serious participation in sports activity for the academic year 1434/1435 AH at the College of Science - Northern Border University - Kingdom of Saudi Arabia	1434/1435H 2012/2013 AD
51)	5	Outstanding effort and serious participation in refereeing the football league for the academic year 1434/1435 AH at the College of Science - Northern Border University - Kingdom of Saudi Arabia	1434/1435H 2012/2013 AD
52)	4	Active participation in student activity programs for the academic year 1427/1428 AH at Teachers College in Arar - Kingdom of Saudi Arabia	1427/1428H 2006/2007 AD
53)	3	Active participation in student activity programs for the academic year 1426/1427 AH at Teachers College in Arar - Kingdom of Saudi Arabia	1426/1427H 2005/2006 AD
54)	2	Active participation in student activity programs for the academic year 1425/1426 AH at Teachers College in Arar - Kingdom of Saudi Arabia	1425/1426H 2004/2005 AD
55)	1	Participation in the activities of the first Communications and Technology Forum held at the Teachers College in Arar - Kingdom of Saudi Arabia	6-8/3/1427H 4-6/4/2006AD