



UNIVERSITY OF SHARJAH

**DEPARTMENT OF
APPLIED BIOLOGY**

ANNUAL REPORT

(Please use same sections' order)

2023-2024

University Level Committees

#	Committee Title
1.	1st International Conference on Applied Research in Humanities & Social Sciences (ARHSS) Multidisciplinary Global Practices <i>Member of organizing committee: Racha Al-Khoury</i>
2.	Alumni Association Office Committee <i>Member: Racha Al-Khoury</i>
3.	The 14th Conference of the Arab Union of Space and Astronomy Sciences <i>Member of organizing committee: Racha Al-Khoury</i>
4.	Study plan and curriculum committee <i>Member: Elsiddig Elsheikh</i>
5.	Youth Engagement Committee”, a subcommittee of “Women in Research”. Mrs. Mona Kanj
6.	“Emergency Response and Environment, Health, and Safety Roles Committee”, Member: Dr. Ayssar Nahle (Chemistry Department).
7.	Research Higher Jury Committee Dr. Mahreen Arooj Member of Women
8.	Engineering, Computing & Sciences Jury Committee Dr. Mahreen Arooj Co-Chair
9.	Women in Research Higher Jury Committee Dr. Samar Damiaty, Prof. Monther Khanfar
10.	Emergency Response and Environment Dr. Mohamed S. Nafie, Nominations for, Health, and Safety Roles.
11.	Students’ Affairs Committee <i>Member: Ismail Saadoun</i>
12.	Sharjah International Conference in Biotechnology Steering <i>Member: Hassen Hadj Kacem</i>
13.	Sharjah International Conference in Biotechnology Organizing <i>Chair: Hassen Hadj Kacem</i>
14.	Lab Safety Committee <i>Chair: Mahmoud Abu Shammeh</i> <i>Members: Dr. Ban Al-Joubori</i>
15.	Leader of Sustainability Circle, Agriculture Track <i>Member: Ali El-Keblawy</i>
16.	Committee for the preparation of a syllabus for "Introduction to Sustainability”, a university elective course <i>Member: Ali El-Keblawy</i>
17.	Sustainability Rankings Abdelaziz Soufyane
18.	University Central Committee <i>Salim Messaoud</i>
19.	University Teaching Incentive Committee <i>Salim Messaoudi</i>
20.	<i>University Learning Environment Committee</i> <i>Dr. Firas Ghanim Ahmed</i>
21.	University Research Board (Member)

	<i>Hussian Alawadhi</i>
22.	“Faculty Members Housing Committee” – Chair: Dr. Ayssar Nahle (Chemistry Department)
23.	MSc in Environmental Sciences & Engineering Committee Dr. Abdelaziz Elgamouz
24.	Laboratory Safety Committee Dr. Abdelaziz Elgamouz
25.	Chair of the Scientific Committee for “Sharjah International Conference in Biotechnology” <i>Member: Ali El-Keblawy</i>

Strategic Planning and Annual report Committee

Prof. Mostafa Zahri Chairman

Dr. Kamrul Hassan

Dr. Yassir Abdu

Dr. Ban Al Joubori

Mrs. Racha Al-Khoury

Ms. Batoul Majed Karzoun

Research and Conferences Committee

Prof. Nezar Hammouri Chairman

Prof. Belkacem Said-Houari

Prof. Ali El Keblawy

Dr. Tanveer Ul Haq

Dr. Samar Abdullah Damiati

Dr. Zahid Riza

Dr. Hafsa Khurshid

Dr. Hassen Hadjkacem

Social Committee in College

Mr. Bassam Rashed Chairman

Mrs. Mona El-Harakeh

Mrs. Kholoud Mustafa

Mrs. Tasneem Obeid

Ms. Batoul Majed Karzoun

Disciplinary Committee

Prof. Ihsan Ali Mahasneh Chairman
Dr. Samar Damiati
Dr. Marwan Al-Momani
Mr. Mohammad Mansour

Graduate Studies Committee

Prof. Raed Al Qawasmeh Chairman
Prof. Bassem Atili
Prof. Ali El Keblawy
Dr. Rachik Soualah

Program Effectiveness and Accreditation Committee

Dr. Abdelaziz Tlili Chairman
Prof. Abdelnasser Kawde
Prof. Mounir Kaidi
Dr. Firas Ghanim
Dr. Kareem Mosa

Curriculum Committee

Prof. Ismail Saadoun Chairman
Prof. Monther Khanfar
Dr. Hamdan Ali Hamdan
Dr. Mohamed Al-Akhrass

Multidisciplinary Programs Committee

Dr. Eyad AlKord

Chairman

Dr. Mahreen Arooj

Dr. Gehad Sadiek

Dr. Tahir Abbas

ABiO-DEPARTMENT COMMITTEES 2023/2024

1.	Curriculum & Accreditation Committee <i>Chair: Ismail Saadoun</i> <i>Members: Elsiddig Elsheikh, Abdelaziz Tlili, Ihsan Mahasneh, Ali El Keblawi, Khalid Bajou, Abdullah Al Mutery, Kareem Mosa, Hassen Hadj kacem</i>
2.	Laboratory, Safety, and Physical Plant <i>Chair: Dr. Ban Al-joubori</i> <i>Members: Dr. Kareem Mosa, Mrs. Mona Ibrahim, Mrs. Mona Al-Ali, Ms. Aisha Ehtibi, Ms. Mona Mahfoud, Mrs. Alya Alkhayal</i>
3.	Conference and Seminar Committee <i>Chair: Dr. Hassen Hadj kacem</i> <i>Members: Prof. Ali El-Keblawy, Dr. Abdallah El-Mutery, Mrs. Racha Al-Khoury</i>
4.	Teaching Load and Exam Schedules <i>Chair: Dr. Khalid Bajou</i> <i>Members: Mrs. Islam Al-Tayeb, Mrs. Uzma Inayat, Mrs. Racha Al-Khoury</i>
5.	Annual Report and Strategic Planning Committee <i>Chair: Dr. Ban Al- Joubori</i> <i>Members: Mrs. Racha Al-Khoury, Ms. Tasneem Obaid, Mrs. Uzma Inayat, Mrs. Islam El-Tayeb</i>
6.	Students, Social Affairs and Website <i>Chair: Ms. Tasneem Obaid</i> <i>Member: Dr. Ban Al-Joubori, Mrs. Uzma Inayat, Mrs. Islam El-Tayeb, Mrs. Racha Al-Khoury, Mrs. Mariam Saho</i>
7.	Post- Graduate Study <i>Chair: Prof. Ali El-Keblawy</i> <i>Members: Dr. Kareem Mosa, Prof. Ihsan Mahasneh, Prof. Elsiddig Elsheikh, Prof. Ismail Saadoun, Dr. Abdelaziz Tlili</i>
8.	Student's Advising & Training <i>Chair: Prof. Ihsan Mahasneh</i> <i>Members: Prof. Ismail Saadoun, Dr. Khalid Bajou, Dr. Abdallah Al-Mutery, Mrs. Mariam Saho</i>
9.	Budget <i>Chair: Dr. Abdallah El-Mutery</i> <i>Members: Dr. Hassen Hadj kacem, Dr. Ban Al-Joubori</i>
Ad hoc Committees	
10.	14 th Biotechnology Students' Exhibition <i>Chair: Mrs. Racha Al-Khoury</i> <i>Members: Dr. Ban Al-Joubori, Mrs. Uzma Inayat, Mrs. Islam Al-Tayeb, Ms. Tasneem Obaid, Mrs. Mariam Saho</i>
11.	Open Day <i>Chair: Uzma Inayat</i> <i>Members: Dr. Ban Al-Joubori, Mrs. Uzma Inayat, Mrs. Islam Al-Tayeb, Ms. Tasneem Obaid, Mrs. Racha Al-Khoury</i>

12.	Defense Day (Fall & Spring) <i>Organizers: Mrs. Islam Al-Tayeb & Ms. Tasneem Obaid</i>
13.	Nominations for Emergency Response and Environment, Health, and Safety Roles: W8 Building <i>Dr. Khalid Bajou: EHS champion, Deputy: Dr Ban Al Joubori</i> <i>Two wardens: Mrs. Uzma Inayat, Mrs. Islam Altayeb</i> <i>Tow first aiders: Dr. Abdullah Al Mutery, Mrs. Racha Al Khoury</i>

MATH-DEPARTMENT COMMITTEES 2023/2024

1.	Outreach Committee <ul style="list-style-type: none"> • Mrs. Kholoud Mustafa • Prof. Basem Attili • Dr. Mohammad Bataineh • Mrs. Nida Siddiqui
2.	Curriculum Committee <ul style="list-style-type: none"> • Dr. Mohammed Al-Akhrass • Prof. Ali Jaballah • Dr. Marwan Al Momani
3.	Examinations Committee <ul style="list-style-type: none"> • Dr. Mohammed Bastaineh • Prof. Muhammad Islam • Mrs. Kholoud Mustafa
4.	Teaching Schedule Committee <ul style="list-style-type: none"> • Prof. Muhammad Islam • Prof. Belkacem Said Houari • Dr. Tahir Abbas
5.	Community Service and Social Committee <ul style="list-style-type: none"> • Dr. Aziz Takhirov • Prof. Ali Jaballah • Mrs. Kholoud Mustafa
6.	Scientific Research and Seminar Committee <ul style="list-style-type: none"> • Dr. Zahid Raza • Prof. Belkacem Said Houari • Prof. Salim Messaoudi • Dr. Aziz Takhirov
7.	Accreditation and Academic Plans <ul style="list-style-type: none"> • Dr. Firas Ghanim& • All members of the department
8.	Student Advising Committee <ul style="list-style-type: none"> • Prof. Bassem Attili • Dr. Mohammed Bataineh • Dr. Abbas Tahir

9.	Annual Report and Strategy Planning Committee <ul style="list-style-type: none"> • Prof. Mostafa Zahri
10.	Conference and Workshop Committee <ul style="list-style-type: none"> • Prof. Mahmoud Benkhalifa • Dr. Zahid Raza • Prof. Salim Messaoudi • Prof. Basem Attili • Prof. Ali Jaballah • Prof. Abdelaziz Soufyane • Prof. Mostafa Zahri • Prof. Belkacem Said-Houari • Dr. Mohammed Al-Akhrass • Dr Marwan Al Momani • Mrs. Nida Siddiqui
11.	Department Website and Software Committee <ul style="list-style-type: none"> • Mrs. Nida Siddiqui (English) • Dr Marwan Al Momani (Arabic)
12.	Internship and Training Committee <ul style="list-style-type: none"> • Prof. Abdelaziz Soufyane • Dr.
13.	Library, Computing Resources, and Educational Technology Tools Committee. <ul style="list-style-type: none"> • Dr. Abbas Tahir • Prof. Mahmoud Ben khalifa • Dr. Mohammed Al-Akhrass
14.	Disciplinary Committee <ul style="list-style-type: none"> • Dr. Firas Ghanim • Prof. Salim Messaoudi
15.	Council secretary Dr. Mohammed Al-Akhrass
16.	Department representative in the college council <ul style="list-style-type: none"> • Prof. Mostafa Zahri

APAA -DEPARTMENT COMMITTEES 2023/2024

Committee	Goals and Tasks	Members
Schedule and exams	<ol style="list-style-type: none"> 1. Prepare the schedule 2. Prepare the exams' logistics 3. Supervise the preparation, revision and printing of exams 	Prof. Mounir Kaidi Dr. Hussain Alawadhi Mr. Omar Adwan Ms. Asma Alnaqbi
Accreditation and Academic Plans	<ol style="list-style-type: none"> 1. Review academic plans, coordinate upgrades and supervises the introduction of new plans. 2. Create a sub-committee to work on the MSc/PhD programs 	Prof. Gehad Sadiék Prof. Hichem Eleuch Dr. Rachik Soualah Dr. Antonios Manousakis Dr. Hafsa Khurshid Dr. Hamdan Hamdan Prof. Amine Ahrich Prof. Mounir Kaidi
Employment and Promotion	<ol style="list-style-type: none"> 1. Assess the department's need in terms of faculty and staff, 2. Draw plans for recruitment. 3. Review applicant documents and conducts interviews before making recommendations to the administration for final decisions. 	Ad Hoc committee
Conferences and Symposia	<ol style="list-style-type: none"> 1. Plan and executes the department's regular seminar. 2. Plan the department activities concerning seminars and symposia. 3. Make contacts with national and international parties concerning department's seminar activities, and participation. 4. Handle hospitality requirements for hosting invited speakers and other academic guests 	Prof. Kais Daoudi Prof. Hichem Eleuch Prof. Gehad Sadiék Dr. Antonios Manousakis Dr. Awni Kasawneh Dr. Mohammed Abdul Hafiz
Research Committee	<ol style="list-style-type: none"> 1. Coordinate the department's research activities including drawing up plans for future research direction. 2. Review research proposals 3. Coordinate undergraduate research activities. 	Prof. Nezar Hammouri Dr. Hafsa Khurshid Prof. Ihab Obaidat Dr. Rachik Soualah Dr. Daniil Moraitis Prof. Bashir Suleiman

	<ol style="list-style-type: none"> 4. Help facilitate interactions between faculty and the university research centre, and the office of the vice chancellor for scientific research. 5. Organise workshops, training and research events 	
Library, Computing Resources, and Educational Technology Tools	<ol style="list-style-type: none"> 1. Keep the physics core collection updated. 2. Coordinates book purchases 3. Work with library committee on library related issues. 4. Review department's needs in terms of computing and other educational equipment and helps in keeping those in order. 5. Keep the department informed of advances in educational technology changes. 	Dr. Hamdan Hamdan Prof. Nezar Hammouri Prof. Mashhoor Al-Wardat Dr. Mohamed Abdel-Fattah
Committee for "Teaching Laboratories"	<ol style="list-style-type: none"> 1. Review the status of laboratory equipment and make sure that they are upgraded properly and ready for use each semester. 2. Draw equipment lists and makes purchases, 3. Update and upgrades laboratory manuals. 	Prof. Mounir Kaidi Dr. Hussain Alawadhi Mrs. Nawal Nayfeh Mr. Bassam Rashed Mr. Omar Adwan Moh'd Mansour Mrs. Khadija Alhosani Mr. Sanoor Mannath
Community Outreach	<ol style="list-style-type: none"> 1. Manage and regulate visits to local High Schools, and prepare material needed for hosting High School Students. 2. Coordinate the Annual Physics Festival. 3. Facilitate the community service load among staff. 4. Administer Scientific events such as the Science Fair and the Physics Olympiad. 	Dr. Daniil Moraitis Prof. Amine Mr. AbdulRaheem Khudada Mr. Moh'd Mansour Mrs. Saja Abdulhadi Ms. Asma Alnaqbi Ms. Nouf Alteneiji

Website Committee	<ol style="list-style-type: none"> 1. Keep the department's website updated and free of errors. 2. Help members update their individual web pages 3. Work with the University computer centre on issues related to the website. 	Dr. Mohamed Abdel-Fattah Ms. Mariam Alnaqbi Mr. Bento Joseph Mr AbdulRaheem Khudada Dr. Yassir Abdu Ms. Nouf Alteneiji
Social committee	<ol style="list-style-type: none"> 1. Coordinate activities of the Students' Scientific Society with the dean and various university departments. 2. Organize the departments social activities 	Mrs. Nawal Mr. Bassam Rashed Mrs. Tahani Mrs. Saja Abdulhadi Mrs Khadija Alhosani Mrs Taghrid Ms. Mariam Alnaqbi
Department representative in college council	Represent department members at the college council meetings	Dr. Mahmoud Abdel-Hafez
Awards and certificates	<ol style="list-style-type: none"> 1. Defining clear and specific criteria for eligibility and selection of individuals or groups to receive awards or certificates. 2. Receiving and reviewing nominations or applications submitted. 3. Evaluating nominees or candidates based on the established criteria and determining who should receive the awards or certificate 	Prof. Kais Daoudi Mr. Abdul Rahim Mr Bento Joseph
Archiving and Follow-up Committee	<ol style="list-style-type: none"> 1. ensure proper management, organization, and retention of records, documents, and information within DAPA. 2. Developing and implementing a system for organizing, categorizing, and storing documents, records, and 	Mr Bassam Mrs. Nawal Nayfeh Mrs. Tahani Dr. Hamdan Hamdan

	information generated by DAPA	
Council secretary	Record department meeting minutes and circulate them for comments before final approval.	Mr. Mohammed Mansour

CHY -DEPARTMENT COMMITTEES 2023/2024

6.	<p>Program Assessment & Accreditation Committee Coordinator: Dr. Abdelaziz Elgamouz Members: <i>Prof. Ihsan Shehadi, Dr. Kamrul Hasan, Dr. Tanveer ul Haq</i></p>
7.	<p>Quality Assurance Committee Coordinator: Dr. Mahreen Arooj Members: <i>Dr. Abdelaziz Elgamouz</i> <i>Dr. Kamrul Hasan</i> <i>Dr. Samar Damiati</i> <i>Mrs. Nemat Dak El-bab</i></p>
8.	<p>Graduate Studies Committee Coordinator: Prof. Raed Al-Qawasmeh Members: <i>Prof. Monther Khanfar</i> <i>Prof. Ihsan Shehadi</i> <i>Dr. Ahmed Almehti</i> <i>Dr. Abdelaziz ELGAMOUZ</i> <i>Dr. Montaha Almasri</i></p>
9.	<p>Research Committee Coordinator: Dr. Tanveer ul Haq Members: <i>Dr. Ahmed Almehti</i> <i>Dr. Mohamed El Naggar</i> <i>Dr. Abdelaziz Elgamouz</i> <i>Dr. Kamrul Hasan</i> <i>Dr. Samar Damiati</i> <i>Dr. Mahreen Arooj</i> <i>Dr. Montaha Almasri</i></p>
10.	<p>Annual Report & Strategic Planning Committee Coordinator: Dr. Abdelaziz ELGAMOUZ Members: <i>Prof. Monther Khanfar</i> <i>Dr. Ayssar Nahlé</i> <i>Dr. Kamrul Hasan</i> <i>Dr. Mohamed El Sayed</i> <i>Mr. Ibrahim Abdel-Rahman</i> <i>Mrs. Azeera Abdul Rahim</i></p>

11.	<p>Committee: Teaching Scheduling & Textbooks Committee Coordinator: Mrs. Nemat Dak El-bab <i>Members: Prof. Ideisan Abu Abdoun</i> <i>Prof. Raed Al-Qawasmeh</i> <i>Prof. Monther Khanfar</i> <i>Dr. Samar Damiati</i> <i>Dr. Mahreen Arooj</i></p>
12.	<p>Seminar & Workshop Committee Coordinator: Dr. Kamrul Hasan <i>Members: Prof. Raed Al-Qawasmeh</i> <i>Dr. Mohamed El Naggar</i> <i>Dr. Samar Damiati</i> <i>Dr. Tanveer ul haq</i> <i>Dr. Mohamed El Sayed</i> <i>Mrs. Mona El-Harakeh</i></p>
13.	<p>Curriculum Committee Coordinator: Prof. Monther Khanfar Members: <i>Dr. Ayssar Nahlé</i> <i>Dr. Mohamed El Naggar</i> <i>Dr. Samar Damiati</i> <i>Dr. Mahreen Arooj</i> <i>Dr. Tanveer ul Haq</i> <i>Dr. Montaha Almasri</i> <i>Mrs. Azeera Abdul Rahim</i></p>
14.	<p>Examination Scheduling Committee Coordinator: Mrs. Azeera Abdul Rahim Members: <i>Mrs. Nemat Dak El-bab</i> <i>Mrs. Kifah A-Taqaz</i> <i>Mr. Mohamed Al-Farooq</i> <i>Mr. Amin Hasan Botmah</i> <i>Miss Alaa Hassan Bihi</i> <i>Mr. Ali Al-Samarrai</i></p>
15.	<p>Chemistry Website & Branding Committee Coordinator: Mrs. Azeera Abdul Rahim Members: <i>Mr. Ibrahim Abdel-Rahman</i> <i>Miss Hajir Ibrahim Abdalla</i> <i>Mrs. Reem Rashid Alteneiji</i> <i>Mr. Amin Hasan Botmah</i> <i>Miss Alaa Hassan Bihi</i> <i>Mrs. Muna Hassan Albelooshi</i></p>
16.	<p>Safety Committee Coordinator: Dr. Ayssar Nahlé <i>Members: Prof. Raed Al-Qawasmeh</i></p>

	<p><i>Dr. Mohamed El Sayed</i> <i>All Lecturers and Lab Officers</i></p>
17.	<p>Lab Development and Space Utilization Committee Coordinator: Dr. Ahmed Al Mahdi Members: <i>Prof. Ideisan Abu Abdoun</i> <i>Dr. Ayssar Nahlé</i> <i>Mrs. Nemat Dek Al-Bab</i> <i>Mr. Mussab Osama Hassan</i></p>
18.	<p>Editorial Board for CAM Committee Coordinator: Mr. Ibrahim Abdel-Rahman Members: <i>Prof. Ideisan Abu Abdoun</i> <i>Prof. Monther Khanfar</i> <i>Dr. Kamrul Hasan</i> <i>Miss Hajir Ibrahim Abdalla</i> <i>Mrs. Reem Rashid Alteneiji</i></p>
19.	<p>Social Committee Coordinator: Dr. Samar Damiati Members: <i>Mrs. Nemat Dek Al-Bab</i> <i>Miss Hajir Ibrahim Abdalla</i> <i>Miss Alaa Hassan Bihi</i> <i>Mrs. Muna Hassan Albelooshi</i> <i>Mr. Ali Al-Samarrai</i></p>
20.	<p>Outreach & Information Committee Coordinator: Dr. Abdelaziz Elgamouz (Industry Sector) Mrs. Mona El-Harakeh (Schools and Educational Sector) Members: <i>Prof. Ideisan Abu Abdoun</i> <i>Dr. Samar Damiati</i> <i>Dr. Montaha Almasri</i> <i>Mrs. Kifah A-Taqaz</i> <i>Mr. Mohamed Al-Farooq</i> <i>Mrs. Reem Rashid Alteneiji</i> <i>Mr. Amin Botmah</i> <i>Mr. Ali Al-Samarrai</i></p>
21.	<p>Career and Student Advising Committee Coordinator: Dr. Mohamed El Naggar Members: <i>Prof. Raed Al-Qawasmeh</i> <i>Dr. Ayssar Nahlé</i> <i>Dr. Mohamed El Sayed</i> <i>Mr. Ibrahim Abdel-Rahman</i></p>
22.	<p>Student Association Committee Coordinator: Prof. Ideisan Abu-Abdoun Members: <i>Dr. Ahmed Almehdi</i> <i>Mrs. Kifah Al-Taqaz</i></p>

	<p><i>Mr. Mohamed Al-Farooq</i> <i>Miss Hajir Ibrahim Abdalla</i> <i>Miss Alaa Hassan Bihi</i> <i>Mr. Mussab Osama Hassan</i> <i>Mrs. Muna Hassan Albelooshi</i></p>
23.	<p>Gen. Chem. HS(1426155) coordination committee-Fall <i>Chair: Dr. Mahreen Arooj</i> <i>Members: Dr. Ayssar Nahlé, Dr. Montaha Almasri</i></p>
24.	<p>Org. Chem. HS(1426217) coordination committee-Fall <i>Chair: Prof Raed Al-Qawasmeh</i> <i>Members: Dr. Samar Damiaty</i></p>
25.	<p>Gen. Chem. (1) (MS) coordination committee-Fall <i>Chair: Dr. Mohamed El-Naggar</i> <i>Members: Prof. Ideisan, Prof Raed AL-Qawasmeh</i></p>
	<p>General Chemistry (1) coordination committee-Fall Chair: Dr. Tanveer ul Haq Member: Dr. Abdelaziz Elgamouz and Dr. Kamrul Hassan</p>
26.	<p>Chemistry Senior Project Coordination Committee <i>Chair: Dr. Samar Damiaty</i> <i>Member: Prof. Abdelnasser Kawde, Dr. Ahmed Elmehdi, Dr. Mahreen Arooj, Dr. Tanveer Ul Haq</i></p>
27.	<p>General Chemistry (1) coordination committee-Spring <i>Chair: Dr. Kamrul Hasan</i> <i>Member: Prof. Ideisan Abu-Abdoun, Dr. Mohamed Elnaggar, Dr. Montaha Almasri and ...</i></p>
28.	<p>General Chemistry (1) Lab coordination committee- <i>Chair: Dr. Mahreen Arooj-Fall</i> <i>Chair: Mrs. Azeera Abdul Rahim- Spring</i> <i>Members: Faculty members</i></p>

Faculty and Professional Staff

1. Faculty and Professional Staff

List of Full-Time Faculty Members:

ID	Name	Rank	Department	Specialization	Comments

101234	Kareem Mosa	Associate Professor	Applied Biology	Plant Biotechnology	Chairman of DAB Joined 1/9/2014
10836	Ismail Saadoun	Professor	Applied Biology	Microbiology	Joined 10/2/2009
101555	Elsiddig Elsheikh	Professor	Applied Biology	Environmental Biotechnology	Joined 1/9/2020
10939	Ali El-Keblawy	Professor	Applied Biology	Environmental Biotechnology	Joined 30/1/2011
10344	Prof. Ihsan Ali Mahasneh	Professor	Applied Biology	Biotechnology & Genetic	Joined 5/9/2011
101143	Abdelaziz Tlili	Associate professor	Applied Biology	Human molecular genetics	Assistant Dean for Graduate Studies Joined 27/1/2013
101318	Hassen Hadj Kacem	Associate Professor	Applied Biology	Molecular Biology/ Molecular Human Genetics	Joined 1/9/2015
101317	Khalid Bajou	Associate Professor	Applied Biology	Biochemistry and cell biology	Joined 1/9/2015
101717	Abdullah Al Mutery	Associate Professor	Applied Biology	Genetics	Joined 1/9/2014
10920	Ban Al-Joubori	Lecturer	Applied Biology	Molecular Biology/Pharmaceutical Microbiology	Joined 1/9/2010
101028	Uzma Inayat	Lecturer	Applied Biology	Bioinformatics/Genetics	Joined 1/9/2012
10919	Racha Al-Khoury	Lecturer	Applied Biology	Biochemistry	Joined 1/9/2010
101165	Tasneem Obaid	Lecturer	Applied Biology	Molecular Genetics	Joined 1/9/2014
101166	Islam Eltayeb	Lecturer	Applied Biology	Medical Microbiology	Joined 1/9/2014

List of Part-Time Faculty Members:

Name	Rank	Department	Specialization	Comments
Enas Al Zuabi	Assistant Professor	Applied Biology	Biotechnology	

Teaching Load

Faculty name	Rank*	Full-Time or Part-Time	Fall		Spring	
			Contact Hours**	Credit Hours**	Contact Hours	Credit Hours
Kareem Mosa	Associate Professor	Full	6.66	6	6.33	6
Ismail Saadoun	Professor	Full	12	12	13	13
Elsiddig Elsheikh	Professor	Full	12	12	12	12
Ali El-Keblawy	Professor	Full	12	12	12	12
Ihsan Mahasneh	Professor	Full	17	17	18	19
Abdelaziz Tlili	Associate professor	Full	10.3	10.3	10	10
Khalid Bajou	Associate Professor	Full	15.16	15.16	9	9
Hassen Hadj Kacem	Associate Professor	Full	15	15	9	9
Abdullah Al Mutery	Associate Professor	Full	12.8	12.8	12	12
Ban Al-Joubori	Lecturer	Full	25	13	20	11
Uzma Inayat	Lecturer	Full	24	12	21	10.5
Racha Al-Khoury	Lecturer	Full	15	7.5	12	6
Islam Eltayeb	Lecturer	Full	24	12.0	18	10.5
Tasneem Obaid	Lecturer	Full	23.5	13.5	17.5	10.5

*Rank: Professor, Associate Professor, Assistant Professor, Lecturer

** For most courses: contact hours = credit hours.

For courses of type LAB or LEB (lecture and lab):

Credit hours = course credit hours published in university catalogue,

Contact hours = actual time the instructor spends in contact with students.

Example: Physics Lab, credit hours = 1, contact hours = 3

List of Professional Staff

ID	Name	Department	Job Title
201750	Mona Ibrahim	Applied Biology	Lab. Supervisor

20763	Aisha Ectibi	Applied Biology	Lab. Supervisor
201805	Mona Mahfood	Applied Biology	Lab. Supervisor
201933	Muna Abdul Rahim Al Ali	Applied Biology	Lab. Supervisor
202971	Alya Al Khayyal	Applied Biology	Lab. Supervisor
201374	Mariam Saho	Applied Biology	Admin. Asst.
201053	Sulfikkar Kunjimon Thazat	Applied Biology	Office attendant
70380	Khawla Younus	Applied Biology	Teaching Assistant
70305	Amna M.A. Essa	Applied Biology	Teaching Assistant
	Khadija Ahmed Mubarak Al-Nahdi	Applied Biology	Teaching Assistant

Graduated Students

#	Name	ID#	Degree	Senior Project Title
Fall 2023/2024				
1.	Sara Al Dubaili Shaikha Ali Moza Lootah Sara Alhebsi Rahael Albaloushi Marwa alqubaisi Hamda Alyammahi	U18104678 U18104055 U19100079 U1910102 U19100303 U19105021 U19101237	BSc	Antiangiogenic effect of algae-silver NP
2.	Mariam Ali Alhammadi, Mariam Ahmed Alnaqbi, Mariam Khamis Alhammadi, Reem Darwich.		BSc	Telomere Length as a Marker of Biological Age
3.	Ahlam Kaddoura, Faheema Baha'eddin Mishael, Farah Abdulkareem Salmeh, Nour Moayad D'yab and Shamma Khalid Alsleas		BSc	Evaluating the Effect of the CLDN14 c.278T>G Mutation on Splicing Sites and Its Implication in Deafness
4.	Sara Mahir, Maitha Ali, Khadija Mohammed, Fatima Abdalla, Moza Mohammed, Fatima Sami		BSc	The effect of smoking on the telomere's size
5.	Noor Hilal Hasan Abu Shamleh		MSc	Impacts of environmental conditions on important bioactive anticancer metabolites and propagation of Citrullus colocynthis

6.	Mohamed Ali Alshamsi		MSc	Effect of biosynthesized silver nanoparticles using <i>Cyperus conglomeratus</i> plant extracts on Mesenchymal stem cells proliferation and differentiation
Spring 2023/2024				
1.	Aisha Hassan Shamsa Abdulaziz Maha Khaled	U20100527 U20100362 U20104695	BSc.	Biochemical characterization of <i>Streptomyces</i> sp. isolated from Algerian forest soils and their enzymatic activities
2.	Aysha Ahmed Rashid Ibrahim Ghalia Ishaq	U20102355 U20105758 U20100414	BSc.	Phenotypic characterization of <i>Streptomyces</i> sp. isolated from Algerian forest soils and their antimicrobial activities
3.	Maryam Essa Hawra Ali Azza Abdulla	U20100295 U20103202 U20100675	BSc.	Molecular characterization of <i>Streptomyces</i> sp. isolated from Algerian forest soils
4.	Rawan Salih Mohamed	20104300	Msc	Effect of Algae Silver Nanoparticles on Breast Cancer Cells
5.	Omar Ahmed Aisha Ahmed Bukhatir Alaa El Khatib Rawan Alattar Hessa Alshamsi Nosaiba Abdulla Dana Harbi	U20101897 U20100520 U20101252 U20103363 U20100142 U20100404 U20103850	BSc	Exploring Seasonal and Genetic Variations in <i>Citrullus colocynthis</i> for Anticancer Potential: A Comparative Study on Different Cancer Cell Lines
6.	Walaa Yasir Habiballah Ali Mahnoor Abdul Ghafoor, Rida javed, Amna yousif Al Ali	U19200102 U20104154 U20100646 U19200865	BSc	Optimizing Wheat Cultivation under Climate Stress: Investigating the Effects of Biochar and Temperature Variations on Growth and Biochemical Responses
7.	Alya Mohamed Aldhuhoori Yasmin Khalid Omar Hessa Jasim Alhammadi Mariam Ali Alhammadi Hind Abdallah Al Marzouki Afnan Qais Alqawadi	U20101225 U20105379 U20100399 U20100541 U20101032 U20101822	BSc	Whole Genome Amplification technique to enhance qPCR Sensitivity in porcine trace detection in highly processed foods
8.	Aysha Hussain Alraeesi Mahra Fahad Al-Ali Raouane Bouhia Mariam Juma Alnuaimi	U20100533 U20100597 U20105388 U20102113	BSc	Uncovering the Genetic Basis of Glucose-6-Phosphate Dehydrogenase Deficiency in a Family from the United Arab Emirates and Examining the Impact of X-Chromosome Inactivation.

	Lina Maeen Al-Swari Sara Ahmad Alkhazraji Nour Ismail Yaghi	U20105418 U20100550 U20103456		
9.	Meera Jafar Kashwani Alaa Haitham Alrefaie Lara Harrazi Dana Fayez Nasrallah Eman Hossen	U20100226 U20101974 U20103034 U20100582 U19104720	BSc	Therapeutic Potential of DNA and RNA Oligonucleotides in Correcting Dominant Negative Mutations in Marfan Syndrome
10.	Amna Mohammed Saif Alhuraiz Alfalasi	U20101713	BSc	Mitochondrial DNA variation between native families in the United Arab Emirates
11.	Meera Abdulrahman Alnaqbi Ayah Yousif Murad Ahmed Amna Khalid Alhammad Khaloud Khalid A. Aljabri	U20103379 U20102024 U20102689 U18102430	BSc	Genetic Diversity and Mutations in G6PD1: Exploring the Basis of G6PD Deficiency
12.	Mariam Mohamed Elsersawy, Samar Wael Mina Amer AlShammari Sara Abdulrahim Mariam Murshed Millan Mohammed Marwan Abu jafar	U20100863 U20100925 U20104475 U20105085 U20100840 U20100608	BSc	Understanding the Genetic Basis of Hereditary Deafness: A Molecular Study of an Iraqi Family Affected by Nonsyndromic Hearing Loss
13.	May Essameldin Fathima Nabahat Fatima Labiba Salim Ujala Waseem	U20100919 U20104690 U20104388 U20103337	BSc	Genetic analysis of Retinitis Pigmentosa-associated genes in the UAE community
14.	Shamma Abdalla Sharif Alhaway Alzarooni	U21106419	MSc	Fibrinolytic Effect of Oleocanthal and Hydroxytyrosol on Endothelial Cells in-vitro.
15.	Arwa Al Safadi	U20200496	MSc	Highly efficient, label-free, ultrafast plasmonic SERS biosensor (Silver nanoarrays/ Si) to detect the GJB2 gene expressed deafness mutations in real-time validated with PCR studies.
16.	Mahra Hesham AlMulla		MSc	Trend of Methamphetamine Abuse in Emirate of Sharjah Last Three Years

Internship Statistics

	Summer	Fall	Spring	Total
# Training Sites	31	0	0	31
# Trainee Students (National in UAE)	92	0	0	92
# Trainee Students (Training abroad)	2	0	0	2

Internship Sites

No.	Site Name	Place	# Male Students	# Female Students	Total
1	Sharjah Police Forensic Laboratory	Sharjah		17	17
2	Sharjah Municipality	Sharjah		5	5
3	University Hospital Sharjah	Sharjah		6	6
4	Department of Agriculture and Livestock	Sharjah		3	3
5	Fakeeh University Hospital	Dubai		1	1
6	RIMHS	Sharjah		2	2
7	Dubai Police (General Administration of Criminal Evidence and Criminology)	Dubai		8	8
8	Agiomix – Dubai Science Park	Dubai		2	2
9	Latifa Hospital (Dubai Genetics Center)	Dubai		5	5
10	Adnoc borouge	Dubai		1	1
12	Fujairah Municipality	Fujairah		1	1
13	Mohammed Bin Rashid University	Dubai		5	5
14	Khalifa Center for Biotechnology and GE/AD	Abu Dhabi		1	1
15	Kalba Municipality	Kalba		1	1
16	Research and Academic Department – Unilabs - Dubai	Dubai		3	3
17	Al Sharq Hospital	Fujairah		4	4
18	252525 Hospital /Cairo	Egypt		1	1
19	Ras Al-Khaimah Police/ Forensic Lab	Ras Al-Khaimah		3	3

20	Dubai Municipality	Dubai		2	2
21	Khorfakkan Municipality	Khorhakkan		8	8
22	Al Jalila Genomic Center	Dubai		2	2
23	University Malaysia Sabah	Malaysia		1	1
24	UAE Genetic Diseases Association	Dubai		1	1
26	Umm Al Quaim Forensic Laboratory	Umm Al Quaim		1	1
27	Fujairah Hospital	Fujairah		1	1
28	Aster Hospital			1	1
29	Ajman Municipality	Ajman		1	1
30	Zayed military hospital	Abu Dhabi		1	1
31	Undetermined yet		2	4	6

Student Advising

No.	Faculty Name	Rank*	# Students	
			Fall	Spring
1.	Kareem Mosa	Associate Professor	52	58
2.	Ismail Saadoun	Professor	66	67
3.	Elsiddig Elsheikh	Professor	54	54
4.	Ihsan Mahasneh	Professor	54	40
5.	Ali El-Keblawy	Professor	55	65
6.	Abdelaziz Tlili	Associate professor	55	63
7.	Hassen Hadj Kacem	Associate Professor	60	68
8.	Khalid Bajou	Associate professor	54	58
9.	Abdullah Al Mutery	Associate Professor	54	55
Total			504	528
			Total	1,032

*Rank: Full Professor, Associate Professor, Assistant Professor, Lecturer

Enrolled Students

Fall 2023/2024		F	M	Total
		Major	Major	
Grad	Chemistry			
	Biotechnology	438	50	488
	Physics			
	Total			
UG	Applied Physics			
	Biotechnology	40	2	42
	Chemistry			
	Mathematics			
	College Total			

Spring 2023/2024		F	M	Total
		Major	Major	
Grad	Chemistry			
	Biotechnology	35	1	36
	Physics			
	Total			
UG	Applied Physics			
	Biotechnology	397	53	450
	Chemistry			
	Mathematics			
	College Total			

1. Public Disclosure and Integrity/

Agreements and Memorandum of Understanding

Agreement Type*	Singed By**	Signed With	Scope***	Description
MoU	Prof. Nouar Thabet	ADNOC	National	UoS and ADNOC Onshore Company to deliver a Light Oil sample for research purposes. The agreement was signed by the Dean of CoSc. Representing UoS and ADNOC Onshore CEO Mr. Omar Obaid Al Nasri on Jan. 24 th , 2024.
Agreement Collaboration on a Research Project	Prof. Maamar Bettayeb	Karmanterra LLC, California	International	College of Sciences, UOS and Karmanterra LLC, California, USA for research collaboration on

				biochar products. Signed on the 7th of December 2023
Consultancy Agreement	Dr. Asmaa Nusairi	Al Ryum Cont. & Gen. Trans. LLC	National	Center for Continuing Education and Professional Development, UoS, and Al Ryum Cont. & Gen. Trans. LLC on 26th day of March 2024
Agreement Collaboration on a Research Project	Prof. Maamar Bettayeb	Fujairah Research Center	National	College of Sciences, UoS, and Fujairah Research Center for research collaboration on medicinal plants project . Signed on the 1 st of May 2023
Agreement Collaboration on a Research Project	Prof. Maamar Bettayeb	Fujairah Research Center	National	College of Sciences, UoS, and Fujairah Research Center for research collaboration on Honey DNA barcoding project . Signed on the 1 st of May 2023
Agreement Collaboration on a Research Project	Prof. Maamar Bettayeb	Fujairah Research Center	National	College of Sciences, UoS, and Fujairah Research Center for research collaboration on date palm project . Signed on the 14th of December 2023

* Agreement Type: Memorandum of Understanding, Research Agreement, Library Agreement, Training Agreement ...etc.

** Signed By: Department Name

*** Scope: National (Emirate Name), International (Country Name)

DEPARTMENT OF APPLIED PHYSICS AND ASTRONOMY

ANNUAL REPORT

2023-2024

Department Committees

Committee	Goals and Tasks	Members
Schedule and exams	<ol style="list-style-type: none"> 4. Prepare the schedule 5. Prepare the exams' logistics 6. Supervise the preparation, revision and printing of exams 	<p>Prof. Mounir Kaidi Dr. Hussain Alawadhi Mr. Omar Adwan Ms. Asma Alnaqbi</p>
Accreditation and Academic Plans	<ol style="list-style-type: none"> 3. Review academic plans, coordinate upgrades and supervises the introduction of new plans. 4. Create a sub-committee to work on the MSc/PhD programs 	<p>Prof. Gehad Sadiek Prof. Hichem Eleuch Dr. Rachik Soualah Dr. Antonios Manousakis Dr. Hafsa Khurshid Dr. Hamdan Hamdan Prof. Amine Ahrich Prof. Mounir Kaidi</p>
Employment and Promotion	<ol style="list-style-type: none"> 4. Assess the department's need in terms of faculty and staff, 5. Draw plans for recruitment. 6. Review applicant documents and conducts interviews before making recommendations to the administration for final decisions. 	<p>Ad Hoc committee</p>
Conferences and Symposia	<ol style="list-style-type: none"> 5. Plan and executes the department's regular seminar. 6. Plan the department activities concerning seminars and symposia. 7. Make contacts with national and international parties concerning department's seminar activities, and participation. 8. Handle hospitality requirements for hosting invited speakers and other academic guests 	<p>Prof. Kais Daoudi Prof. Hichem Eleuch Prof. Gehad Sadiek Dr. Antonios Manousakis Dr. Awni Kasawneh Dr. Mohammed Abdul Hafiz</p>
Research Committee	<ol style="list-style-type: none"> 6. Coordinate the department's research activities including drawing up plans for future research direction. 7. Review research proposals 8. Coordinate undergraduate research activities. 	<p>Prof. Nezar Hammouri Dr. Hafsa Khurshid Prof. Ihab Obaidat Dr. Rachik Soualah Dr. Daniil Moraitis Prof. Bashir Suleiman</p>

	<ol style="list-style-type: none"> 9. Help facilitate interactions between faculty and the university research centre, and the office of the vice chancellor for scientific research. 10. Organise workshops, training and research events 	
Library, Computing Resources, and Educational Technology Tools	<ol style="list-style-type: none"> 6. Keep the physics core collection updated. 7. Coordinates book purchases 8. Work with library committee on library related issues. 9. Review department's needs in terms of computing and other educational equipment and helps in keeping those in order. 10. Keep the department informed of advances in educational technology changes. 	Dr. Hamdan Hamdan Prof. Nezar Hammouri Prof. Mashhoor Al-Wardat Dr. Mohamed Abdel-Fattah
Committee for "Teaching Laboratories"	<ol style="list-style-type: none"> 4. Review the status of laboratory equipment and make sure that they are upgraded properly and ready for use each semester. 5. Draw equipment lists and makes purchases, 6. Update and upgrades laboratory manuals. 	Prof. Mounir Kaidi Dr. Hussain Alawadhi Mrs. Nawal Nayfeh Mr. Bassam Rashed Mr. Omar Adwan Moh'd Mansour Mrs. Khadija Alhosani Mr. Sanoor Mannath
Community Outreach	<ol style="list-style-type: none"> 5. Manage and regulate visits to local High Schools, and prepare material needed for hosting High School Students. 6. Coordinate the Annual Physics Festival. 7. Facilitate the community service load among staff. 8. Administer Scientific events such as the Science Fair and the Physics Olympiad. 	Dr. Daniil Moraitis Prof. Amine Mr. AbdulRaheem Khudada Mr. Moh'd Mansour Mrs. Saja Abdulhadi Ms. Asma Alnaqbi Ms. Nouf Alteneiji
Website Committee	<ol style="list-style-type: none"> 4. Keep the department's website updated and free of errors. 5. Help members update they individual webs pages 6. Work with the University computer centre on issues related to the website. 	Dr. Mohamed Abdel-Fattah Ms. Mariam Alnaqbi Mr. Bento Joseph Mr AbdulRaheem Khudada Dr. Yassir Abdu Ms. Nouf Alteneiji

Social committee	<ol style="list-style-type: none"> 3. Coordinate activities of the Students' Scientific Society with the dean and various university departments. 4. Organize the departments social activities 	Mrs. Nawal Mr. Bassam Rashed Mrs. Tahani Mrs. Saja Abdulhadi Mrs Khadija Alhosani Mrs Taghrid Ms. Mariam Alnaqbi
Department representative in college council	Represent department members at the college council meetings	Dr. Mahmoud Abdel-Hafez
Awards and certificates	<ol style="list-style-type: none"> 4. Defining clear and specific criteria for eligibility and selection of individuals or groups to receive awards or certificates. 5. Receiving and reviewing nominations or applications submitted. 6. Evaluating nominees or candidates based on the established criteria and determining who should receive the awards or certificate 	Prof. Kais Daoudi Mr. Abdul Rahim Mr Bento Joseph
Archiving and Follow-up Committee	<ol style="list-style-type: none"> 3. ensure proper management, organization, and retention of records, documents, and information within DAPA. 4. Developing and implementing a system for organizing, categorizing, and storing documents, records, and information generated by DAPA 	Mr Bassam Mrs. Nawal Nayfeh Mrs. Tahani Dr. Hamdan Hamdan
Council secretary	Record department meeting minutes and circulate them for comments before final approval.	Mr. Mohammed Mansour

Faculty and Professional Staff

1. Faculty and Professional Staff

List of Full-Time Faculty Members:

N	ID	Name	Gender	Rank	Specialization	Date Joined
1	10565	Hamid M. AL Naimiy	M	Professor	Astronomy and Space Sciences	1-Sep-06

2	101119	Mounir Kaidi (chairman)	M	Professor	Materials Science Physics	21-Jan-14
3	10052	Bashir M. Suleiman	M	Professor	Material Physics	28-Feb-98
4	101764	Mashhoor Alwardat	M	Professor	Interferometry and spectrophotometry of binary and multiple stellar systems	9/1/2019
5	101722	Nouar Tabet	M	Professor	Solar cells	1/13/2019
6	101407	Ilias Fernini	M	Professor	Astrophysics	7-Feb-16
7	101886	Amine Ehrich	M	Professor	High Energy Physics	1-Sept-20
8	101823	Hichem El Euch	M	Professor	Quantum Physics	30-Aug-20
9	101956	Nezar Atalla Hammouri	M	Professor	GIS and Remote Sensing	1-Sep-21
10	10230	Hussain Alawadhi	M	Professor	Condensed Matter Physics	1-Sep-00
11	101172	Kais Daoudi	M	Professor	Materials Science Physics	1-Sep-14
12	101236	Gehad Kandeel Sadiek	M	Professor	Theoretical and computational Physics	1-Sep-14
13	10480	Hussein EL Mehdi	M	Associ. Prof.	Bio-Medical Physics	12-Feb-05
14	101508	Yassir Ahmed Abdu	M	Associ. Prof.	Material Spectroscopy- Meteorites	1-Sep-16
15	101746	Daniil Moritis	M	Associ. Prof.	Geochemistry	9/1/2019
16	101946	Mohamed I. Abdelfattah Farag	M	Associ. Prof.	Petroleum Geosciences	1-Sep-21
17	101435	Rachik Soualah	M	Assist Professor	Particle Physics	31-Jan-16
18	101617	Hafsa Khurshid	F	Assist Professor	Condensed Matter Physics	8/20/2017
19	101671	Hamdan Ali Hamdan	M	Assist Professor	Geophysics	2-Sep-18
20	101805	Antonios Manousakis	M	Assistant. Prof.	Observational and Computational Astrophysics	1-Sep-20
21	10039	Bassam Rashed Khader	M	Lecturer	Radiation Physics	11-Nov-97
22	10055	Omar Adwan	M	Lecturer	Nuclear Physics	4-Apr-98
23	10214	Mohammed A. Mansour	M	Lecturer	Electronics	1-Sep-98
24	10523	Nawal Mohamad Nayfeh	F	Lecturer	Condensed Matter Physics	1-Sep-05
25	101108	Saja I.M. AbdulHadi	F	Lecturer	Computational Physics	1-Sep-13
26	101109	Tahani I. Alsarayreh	F	Lecturer	Physical Oceanography	1-Sep-13
27	101505	Abdulraheem Khudada	M	Lecturer	Radiation Physics	1-Sep-16
28	101982	Awni Moh'd Kasawneh	M	Visiting Assistant Prof.	Astrophysics and Radioastronomy	1- Feb 2022
29	102170	Nouf Altenejji	F	Lecturer	Petroleum Geosciences	8 Jan 2024
30	101990	Asma Alnaqbi	F	Lecturer	Petroleum Geosciences	29 Aug 2022
31	102160	Badreyya AlShehhi	F	Assistant Professor	Solar cells, 2D materials	08-Jan 2024
	102083	Ihab Obaidat	F	Professor	Condensed Matter Physics	23 Aug 2022

List of Part-Time Faculty Members:

Name	Rank	Department	Specialization	Comments

Teaching Load

Faculty name	Rank*	Full-Time or Part-Time	Fall		Spring	
			Contact Hours**	Credit Hours**	Contact Hours	Credit Hours
Bassam rashed	Lecturer	Full Time	21	10.5	15	9
Nawal Nayfeh	Lecturer	Full Time	27	13.5	21	10.5
Omar Adwan	Lecturer	Full Time	24	12	30	18
Mohamed Abdel-Fattah	Associate Prof.	Full Time	10	10	10	10
Hamdan Hamdan	Assistant professor	Full Time	12	12	12	12
Yassir Abdu	Associate Prof.	Full Time	12	12	12	12
Saja AbdulHadi	Lecturer	Full-Time	24	12	24	12
Nouf Alteneiji	Lecturer	Full-Time	-	-	9	9
Asma Alnaqbi	Lecturer	Full-Time	10.5	10.5	5.5	5.5
Tahani Alsarayreh	Lecturer	Full-time	24	12	24	12
Ihab Obaidat	Professor	Full-Time	9	9	12	12
Kais Daoudi	Professor	Full-Time	13	12	9	8
Hafsa Khurshid	Assistant prof.	Full-time	12	12	12	12
Badreyya AlShehhi	Assistant Professor	Full-time	-	-	9	8

*Rank: Professor, Associate Professor, Assistant Professor, Lecturer

** For most courses: contact hours = credit hours.

For courses of type LAB or LEB (lecture and lab):

Credit hours = course credit hours published in university catalogue,

Contact hours = actual time the instructor spends in contact with students.

Example: Physics Lab, credit hours = 1, contact hours = 3.

List of Professional Staff

ID	Name	Department	Job Title
201228	Khadija Ismaeil Alhosani	Physics	Team leader
201046	Taghrid Abdalla	Physics	Senior Lab Officer
201351	Sanoor Mannath	Physics	Senior Lab Officer
202194	Bento Joseph	Physics	Senior Lab Officer
202500	Mariam Al-Naqbi	Physics	Lab Officer
202736	Abdel-Mahmoud Elgalli	Physics	Lab Officer
202945	Shaikha Albedwawi	Physics	Lab Officer
203114	Muhammad Umar	Physics	Lab Officer
202288	Fatima Mohamed Alyassi	Physics	Administrative assistant

Graduated Students

#	Name	ID#	Degree	Senior Project Title
Fall 2023/2024				
1.				
2.				
3.				
4.				
5.				
6.				

7.				
Spring 2023/2024				
17.	Abdelmonem Atef Ghanim	u20104390	PGRS	The Role of Mud Logging in Early Detection of Drilling Problems and Wellbore Stability Supervisor: Dr. Mohamed Abdel-Fattah
18.	Rawan Adil Alshehhi	U20103684	PGRS	Integrated Lithological and Petrophysical Analysis of Well Logs: A Crucial Approach for Resolving Oil Exploration Challenges in Penobscot, Nova Scotia, Canada Supervisor: Dr. Mohamed Abdel-Fattah
19.	Rawan Saleh Alamoudi	U20101558	PGRS	Mapping the Unseen: A Comprehensive Geophysical Approach to Revealing Bedrock Features in the Dubai Desert Conservation Reserve Supervisor: Dr. Hamdan Hamdan
20.	Alyaziah Abdalla Almarzooqi	U20102216	PGRS	Mapping the Unseen: A Comprehensive Geophysical Approach to Revealing Bedrock Features in the Dubai Desert Conservation Reserve Supervisor: Dr. Hamdan Hamdan
21.	Ayoub Alawad	U19200227	B.Sc. Physics	Functionalization of Silicon Nanowires with Multilayer Plasmonic Metal Nanoparticles for Enhanced Surface Enhanced Raman Spectroscopy (SERS) sensors Supervisor: Prof. Kais Daoudi
22.	Mansour Al-Ali	U19200993	B.Sc. Physics	Rapid Photocatalytic degradation of textile dye contaminants in water with hybrid photocatalyst system (g – C ₃ N ₄ / Ag ₃ PO ₄) Supervisor: Prof. Kais Daoudi
23.				
24.				

Internship Statistics

	Summer	Fall	Spring	Total
# Training Sites	7			
# Trainee Students (National in UAE)	10			
# Trainee Students (Training abroad)	None			

Internship Sites

No.	Site Name	Place	# Male Students	# Female Students	Total
1	Dubai Municipality	Dubai	1	3	4
2	SAASST	Sharjah	0	1	1
3	SNOC	Sharjah	0	1	1
4	Ras Al-Khaimah Co. For White Cement and Construction Materials P.S.C.	RAK	0	1	1
5	Fujairah Research Center	Fujairah	0	1	1
6	Arab Center for Engineering Study	Dubai	1	0	1
7	Sharjah Miscibility	Sharjah	0	1	1

Student Advising

No.	Faculty Name	Rank*	# Students	
			Fall	Spring
1.	Mohamed Abdel-Fattah	Associate Prof.	10	10
2.	Hamdan Hamdan	Ass. Prof	12	12
3.	Ihab Obaidat	Professor	5	5
4.	Kais Daoudi	Professor	7	9
5.	Hafsa Khurshid	Assist. Prof.	8	8
6.	Yassir Abdu	Associate Prof.	5	5

7.	Asma Alnaqbi	Lecturer	0	6
8.				
9.				
10.				
11.				
12.				
13.				
14.				
Total				
			Total	

*Rank: Full Professor, Associate Professor, Assistant Professor, Lecturer

o Public Disclosure and Integrity/ To be filled by Dr

Agreements and Memorandum of Understanding

Agreement Type*	Singed By**	Signed With	Scope***	Description

* Agreement Type: Memorandum of Understanding, Research Agreement, Library Agreement, Training Agreement ...etc.

** Signed By: Department Name

*** Scope: National (Emirate Name), International (Country Name)

1. The Education Program

Curriculum Development

No.	Course/Program	Development*	Description
BSc courses			
1.	Physics for Health Sciences (Bassam)	Update course syllabus	Update the course syllabus to more suitable for the HS
2.	Physics for Medical Sciences (Bassam)	Update course Syllabus	Update the course syllabus to more suitable for the MS
3.	University EmSAT (Bassam)	Prepare Physics Emsat Exam	Prepare Physics Emsat and supervise other exams (Math, Chemistry and Biology)
4.	Modern Physics Lab (Bassam)	Develop the assessment of students	Adding new assessment tool (student's presentation)
5.	Physics for HS lab (Nawal Nayfeh)	Adding new experiment	new experiment were added using new devices
6.	Physics 2 lab	Update course syllabus	Update the syllabus and the assessment method more quizzes given
7.	Astronomy and Space Sciences - English	Update the slides	Updated the material of the English sections
8.	Physics for HS-Lab	Physics for HS-Lab syllabus.	Update the course syllabus and integrating the laboratory syllabus with the Theory course syllabus, in cooperation with Prof. Bashir.
9.	Physics for MS-Lab	Physics for MS-Lab syllabus.	Update the course syllabus .
10.	General Physics for Health Sciences (Hafsa)	Update course syllabus	Participated in a series of meetings with committee assigned the task to update the c the course syllabus to be more suitable for the HS
11.	Physics for Medical Sciences (Hafsa)	Update course Syllabus	Participated in a series of meetings with committee assigned the task to update the c the course syllabus to be more suitable for the MS

	<u>MSc courses</u>		
1-	1430521-condensed matter physics 1	Update course Syllabus	Developed content and updated course syllabus according to the accreditation committee guidelines
2-	1430625-Physics of Semiconductors	Update course Syllabus	Developed content and updated course syllabus according to the accreditation committee guidelines
3-	1430622-condensed matter physics 2	Update course Syllabus	Developed content and updated course syllabus according to the accreditation committee guidelines
4-			
5-			
	<u>PhD courses</u>		
1.	NA		

*Development:

1- Program Update: changes in the structure of an offered program

2- Course Update: change in course name, pre-requisites, credit hours, ..etc.

3- New Course

4- Content Development

5- Others (specify)

Teaching & Learning

Methods for teaching and learning (new methods and enhancements on current methods):

[Examples: Team-based learning, Problem based learning, group studies, case studies, projects, ...etc]

These will reflect what is actually done in classrooms and documented in the course files.

0 **Research-based teaching methodology is applied to all of the CD Graduate Courses Case**

0 Adding projects to course modern Physics Lab (Bassam)

0

0

0

0

0

0

Faculty Analysis

Faculty Development

No.	Development Event*	Development Area**	Description
1.	Attending seminar: Nanotechnology and Nanomaterials for Biomedical Applications Bassam	Seminar	The Center for Advanced Materials Research Announcement for CAMR workshop to CoS faculty and students cordially invites you to a workshop Nanotechnology and Nanomaterials for Biomedical Applications
2.	Attending seminar Bassam	Seminar	All-Hands Meeting Inauguration of the new academic year 2023-2024 /9 All Hands Meeting

3.	Training Bassam, Nawal	seminar	Risky USB
4.	Attending workshop Bassam, Nawal	workshop	organized by the Institute of Leadership in Higher Education September 13th, 2023 Student Advising at UoS: Stats & Facts
5.	Updating Course syllabi Bassam, Nawal	Committee	Update the Course syllabi for Physics for HS and Physics for MS and physics 2 lab
6.	Exciting new project at Wiley Bassam	evaluating the new Wiley project regarding the AT chatbox for Haliday Physics	an AI chat box for Halliday Physics
7.	Attending seminar Bassam	Seminar	Title: Applications of Two-Dimensional Materials in Green and Sustainable Energy Storage
8.	Attending workshop Bassam, Nawal	Workshop	"Grade your students in Blackboard Course".
9.	Attending seminar Bassam, Nawal	Seminar	Student's Research Defence Day
10.	Attending workshop Bassam, Nawal	Workshop	Initiatives and KPIs
11.	Attending Conference Bassam, Nawal	Conference	Quantum Material for energy and environmental application
12.	Attending event Bassam, Nawal	Workshop	Physics Horizon event
13.	Attending seminar Bassam, Nawal	Seminar	Nanotechnology from single atom to writing with atoms
14.	Organizing conference Bassam	Conference	Organizing Committee (1ST INTERNATIONAL CONFERENCE ON: "Applied Research in Humanities & Social Sciences": Multidisciplinary Global Practices)
15.	Attending workshop	Workshop	Akindi solution QA

	Bassam, Nawal		Akindi solution QA When: 04 April 2024 11:00-12:00.
16.	Poster Exhibition Bassam	Exhibition	Poster Exhibition
17.	Projects Judging Bassam	Students Competition	serving as a judge at the Design for Future in Higher Education Student Competition
18.	Exhibition and Award Ceremony Bassam, Nawal	Exhibition	Design for Future Higher Education Student Competition
19.	College of Sciences Undergraduate Poster Day Bassam, Nawal	Exhibition	College of Sciences Undergraduate Poster Day (Spring 2023-2024) 25/4/2024
20.	Attending workshop Bassam, Nawal	Workshop	3D Printing Workshop: Hands-On Training
21.	Attending forum Bassam, Nawal	Forum	5th ANNUAL TEACHING & LEARNING FORUM Innovative Teaching and Learning for Transferable Skills
22.	Students senior Projects Bassam, Nawal	seminars	Applied Physics senior projects
23.	Attending seminar Bassam	seminar	Nonlinear phenomena in nanostructured materials
24.	Attending workshop Bassam, Nawal	workshop	Guide and use of newly adopted faculty information system
25.	14 th arabic Conference iof the Arab Union for Astronomy and Space Sciences Bassam, Nawal	Conference	International Conference
1.	Attending workshop Bassam, Nawal	Workshop	AI Technologies in Creating Content
2.	The Third Conference of Rectors of the Federation of Arab and Russian Universities (31 May - 1 June) 2023 Bassam	Conference	International Conference - Coordinator of the organizing committee

3.	Attending workshop Bassam, Nawal	Workshop	Student Advising at UoS: Stats & Facts
4.	Completed online training Bassam, Nawal	Training	FIRE SAFETY
5.	Completed online training Bassam, Nawal	Training	OFFICE ERGONOMICS
6.	THE THIRD CONFERENCE OF RECTORS OF THE FEDERATION OF ARAB AND RUSSIAN UNIVERSITIES (31 May - 1 June) 2023 Omar	Conference	International Conference - Coordinator of the organizing committee
7.	The 1ST INTERNATIONAL CONFERENCE ON: "Applied Research in Humanities & Social Sciences": Multidisciplinary Global Practices (31 October – 2 November) 2023 Omar	Conference	International Conference - Organizing committee
8.	The 14th Arabic Conference of the Arab Union for Astronomy and Space Sciences (13-16) November 2023 Omar	Conference	International Conference - Coordinator of the organizing committee
9.	AGYA International Winter School on Quantum Materials for Energy and Environmental Application (12-13) February 2024 Omar	Workshop	International Workshop - Organizing committee
10.	Radiation Safety Workshop (12-15) June 2023 Omar	Workshop	I participated in delivering the practical part of the workshop
11.	I completed training course 3 December 2023 Omar	Online Training	The Office Safety
12.	I completed training course 3 December 2023	Online Training	The Driver Safety

13.	I completed training course 9 September 2023 Omar	Online Training	The office Ergonomics
14.	I completed training course 12 June 2023 Omar	Online Training	The Emergency Response
15.	I completed training course 12 June 2023 Omar	Online Training	The Working with Lasers in Education and Reasearch
16.	Judging Omar	University of Sharjah Projects	I participated in judging the projects in April 2024
17.	Attended workshop on the use of AI tools in teaching	Workshop	the Institute of Leadership in Higher Education
18.	Attended training workshop on GM-SYS 2D. Gravity, & terrain correction (Hamdan)	Workshop	Victor Mapuranga, Representing Geosoft Montaj software
19.	Attended seminar on sea level change	Seminar	The Emirati Society of GIS and Remote Sensing (ESGRS)
20.	The 14th Arabic Conference of the Arab Union for Astronomy and Space Sciences (13-16) November 2023 (Tahani)	conference	Organizing committee
21.	Attended workshop "Strengthening Students' Learning Using Feedback and Feedforward"	workshop	1.5 hours workshop organized by the Institute of Leadership in Higher Education

	(Tahani)		
22.	Attending "Faculty Peer Observation of Teaching" (tahani)	workshop	1 hour workshop organized by the Institute of Leadership in Higher Education
23.	Complete "WORKING WITH LASERS IN RESEARCH AND EDUCATION"	Online training	WORKING WITH LASERS IN RESEARCH AND EDUCATION
24.	Attended "for 5th Teaching and Learning Forum"	workshop	for 5th Teaching and Learning Forum
25.	دمج أدوات الذكاء الاصطناعي في تخطيط الدروس	workshop	دمج أدوات الذكاء الاصطناعي في تخطيط الدروس
26.	الإعاقات الخفية، والتعامل معها "	seminar	" الإعاقات الخفية، والتعامل معها "
27.	تطبيقات الذكاء الاصطناعي (AI) (Mohamed Abdel-Fattah)	workshop	(AI) تطبيقات الذكاء الاصطناعي
28.	Your Guide for Scopus Journals (Mohamed Abdel-Fattah)	workshop	Your Guide for Scopus Journals
29.	Research Accelerator for GCC countries (Mohamed Abdel-Fattah)	workshop	Research Accelerator for GCC countries
30.	دمج أدوات الذكاء الاصطناعي في تخطيط الدروس (Mohamed Abdel-Fattah)	workshop	"دمج أدوات الذكاء الاصطناعي في تخطيط الدروس"
31.	EBMR and LWW Journals on the Ovid Platform (Mohamed Abdel-Fattah)	Seminar	EBMR and LWW Journals on the Ovid Platform

32.			
33.	Your Guide for Scopus Journals (Hafsa Khurshid)	workshop	Your Guide for Scopus Journals
34.	Grade your students in Blackboard Course By Academic computeing center from IT (Hafsa Khurshid)	Workshop	Grade your students in Blackboard Course Academic computeing center from IT Nov 13 th 2023
35.	Pre-Award: Research Funding Opportunities -Grants and Guidelines By the Research Funding Department (Hafsa Khurshid)	Workshop	Pre-Award: Research Funding Opportunities -Grants and Guidelines By the Research Funding Department Monday November 20 th , 2023
36.	Attending forum (Hafsa Khurshid)	Forum	5th ANNUAL TEACHING & LEARNING FORUM Innovative Teaching and Learning for Transferable Skills May 13 th 2024
37.	Students senior Projects Hafsa Khurshid	seminars	Applied Physics senior projects May 2024
38.	Attending seminar Hafsa Khurshid	seminar	Nonlinear phenomena in nanostructured materials
39.	Attending workshop Hafsa Khurshid	workshop	Guide and use of newly adopted faculty information system April 2024 and May 2024
40.			
41.	Students senior Projects Badreyya ALShehhi	seminars	Applied Physics senior projects May 2024
42.	Nonlinear phenomena in nanostructured materials Badreyya ALShehhi	seminar	Nonlinear phenomena in nanostructured materials

43.	Your Guide for Scopus Journals Badreyya AlShehhi	workshop	Your Guide for Scopus Journals
44.	أدوات التدريس التفاعلية " والتعلم عبر الانترنت -ورشة عمل تطبيقية Badreyya AlShehhi	workshop	أدوات التدريس التفاعلية والتعلم عبر الانترنت -ورشة عمل " تطبيقية
45.	Brown Bag: Learning communities , Badreyya AlShehhi	workshop	Brown Bag: Learning communities
46.	Faculty AI Tools: Magic School AI Badreyya AlShehhi	workshop	Faculty AI Tools: Magic School AI
47.	الإقتباس/الإنتحال العلمي Badreyya AlShehhi	workshop	الإقتباس/الإنتحال العلمي
48.	"Unlocking Potential: A Workshop on Effective Mentoring, Coaching, and Feedback for Graduate Students" Badreyya AlShehhi	workshop	"Unlocking Potential: A Workshop on Effective Mentoring, Coaching, and Feedback for Graduate Students"
49.	'The Significance of Programming for Geospatial Professionals with Real Life Example' Saja	webinar	'The Significance of Programming for Geospatial Professionals with Real Life Example', by the Emirati Society of GIS and Remote Sensing (ESGRS).
50.	The Journey of Research Between Efforts of the University and Community Partnerships Saja	workshop	The Journey of Research Between Efforts of the University and Community Partnerships Dr. Noura Nasir AlKarbi, Chairman of the Research Outreach Department
51.	Pre-Award: Research Funding Opportunities -Grants and Guidelines By the Research Funding Department Saja	Workshop	Pre-Award: Research Funding Opportunities -Grants and Guidelines By the Research Funding Department Monday November 20 th , 2023

52.	Your Gateway to Research Saja	Symposium	"Your Gateway to Research" event, Thursday February 16th, 2023
53.	Molecular Simulation to Drive Materials Innovation. Saja	webinar	Molecular Simulation to Drive Materials Innovation LaunchTech Middle East , Oct 18, 2023
54.			
55.			
56.			
57.			

*Development Event: Training, Workshop, Seminars ...etc.

** Development Area: Teaching & Learning, Assessment ...etc.

Awards and Prizes

No.	Prize Name	Awarded To	Awarded By
1.	University of Sharjah Annual Faculty Incentive Award under the Teaching category Bassam	BASSAM RASHED	His Highness Sheikh Sultan bin Ahmed Al Qasimi, Deputy Ruler of Sharjah, and President of the University of Sharjah and Prof. Hamid Al Naimiy Chancellor of the University of Sharjah.
2.	UOS Faculty Incentive Awards and Sharjah Islamic Bank Award for Faculty and Students for the Academic Year 2023/2024 in University and Community Service Category Omar	Omar Adwan	His Highness Sheikh Sultan bin Ahmed Al Qasimi, Deputy Ruler of Sharjah, and President of the University of Sharjah and Prof. Hamid Al Naimiy Chancellor of the University of Sharjah
3.			
4.			
5.			
6.			

Certificates (please give examples)

No.	Prize Name	Awarded To	Awarded By
7.	Guide and use of newly adopted faculty information system	Bassam Rashed, Nawal Nayfeh	Institute of Leadership in Higher Education
8.	International Conference	Bassam Rashed, Nawal Nayfeh	Chancellor
9.	AI Technologies in Creating Content	Bassam Rashed, Nawal Nayfeh	Institute of Leadership in Higher Education
10.	Student Advising at UoS: Stats & Facts	Bassam Rashed, Nawal Nayfeh	Institute of Leadership in Higher Education
1	FIRE SAFETY	Bassam Rashed, Nawal Nayfeh	Central Labs
1	OFFICE ERGONOMICS	Bassam Rashed, Nawal Nayfeh	Central Labs
	THE THIRD CONFERENCE OF RECTORS OF THE FEDERATION OF ARAB AND RUSSIAN UNIVERSITIES	Omar Adwan	Prof. Hamid Al Naimiy - Chancellor of the University of Sharjah
	The 14th Arabic Conference of the Arab Union for Astronomy and Space Science	Omar Adwan	Prof. Hamid Al Naimiy - Chancellor of the University of Sharjah
	Certificate of Recognition	Omar Adwan	Prof. Nour Tabet – Dean of College of Sciences
	Certificate of Recognition	Omar Adwan	Prof. Maher Omar - Director of Institute of Leadership In Higher Education, UoS
	Training Course - Office Safety	Omar Adwan	Central Labs Directorates
	Training Course - Driver Safety	Omar Adwan	Central Labs Directorates
1	Training Course - Office Ergonomics	Omar Adwan	Central Labs Directorates
	Training Course - Emergency Response	Omar Adwan	Central Labs Directorates
	Training Course - Working With Lasers in Research and Education	Omar Adwan	Central Labs Directorates
	Remote Sensing to Understand Crop Health for Precision Agriculture	Omar Adwan	Mr. Saeed Al Mansoori – Director of Remote Sensing Department, Mohammed Bin Rashed Space Centre (MBRSC)
1	Strengthening Students' Learning Using Feedback and Feedforward	Tahani Alsarayreh	the Institute of Leadership in Higher Education

	Faculty Peer Observation of Teaching	Tahani Alsarayreh	the Institute of Leadership in Higher Education
	Member in organizing committee of AUASS conference	Tahani Alsarayreh	Prof. Nouar Tabet – Dean of College of Sciences
	Online training "OFFICE ERGONOMICS"	Tahani Alsarayreh	Central labs
	Online training "WORKING WITH LASERS IN RESEARCH AND EDUCATION"	Tahani Alsarayreh	Central labs
	حضور ورشه تفاعليه بعنوان " الإعاقات الخفية، والتعامل معها	Tahani Alsarayreh	أ.د. أحمد فلاح العموش مدير مركز الموارد لذوي الإعاقة
	Appreciation certificate For contribution in the 4 th forum for Women in research,	Saja AbdulHadi	Prof. Maamar Bettayeb
	Appreciation certificate Co-chair of the Youth engagement committee.	Saja AbdulHadi	Prof. Hamid Al-Naimiy

Efforts to Enhance Academic Advising:

1. Please list some of your techniques here

5.6 Student Extra-Curricular Activities

No.	Activity Name	Type*	Scope**	Date	Beneficiaries
1-	PGRS welcoming event organized by EAGE Chapter	Club	Local – university level	20 Sep 2023	PGRS new students
2-	ADIPEC visit	Conference	National	3 Oct 2023	PGRS students
3-	Hiking Trip in Dibba organized by Ministry of Energy and Infrastructure	Club	National	28 Jan 2024	DAPA students
4-	Hiking Trip in Hatta	Club	National	10 Feb 2024	DAPA students
5-	Geo Kashtah	Club	National	21 Feb 2024	PGRS students and faculty
6-	Iftar Ramadhan Bassam	Social activity	College of Sciences	March,25, 2024	College of Sciences
7-	Traditional Plate Bassam	Social Committee	College of Science	April 29	College of Sciences
8-	End of semester gathering Bassam, Nawal	Social Committee	DAPA	May 20	DAPA
9-	College Alumni Gathering Bassam, Nawal	Event	College of Science	Feb, 10, 2024	College of Science
10-	Wiley Prize Bassam, Nawal, Omar	Workshop	DAPA	Nov, 8, 2023	DAPA
11-	Open Day Bassam, Nawal, Omar	Event	School Students	May, 2-6	School students
12-	Open day Nawal	Event	School	Jan, 30-31	School students

13	SASST Visit Nawal,tahani	Visit	College of sciences students	27/11/2023	College of sciencesstudents
14	Physics Horizon Nawal, Omar,tahani	Event	University students	8/2/2024	University students
1-	SASST Visit Omar	Visit to the Planetarium	Astronomy Sections Students	18-1-2024	Astronomy Students
2-	SASST Visit Omar	Sky Observation	Astronomy Sections Students	18-1-2024	Astronomy Students
3-	ADIPEC 2023 (Mohamed Abdel-Fattah)	Exhibition & conference - - Abu Dhabi	International Conference	3 October 2023	PGRS students
4-	IBA-AAPG 2024 international competition (Mohamed Abdel-Fattah)	King Fahd University of Petroleum and Minerals in Dhahran, Saudi Arabia	International competition	7-8 March 2024	PGRS students
5-					

* Types: Clubs & Societies, Volunteer, Social & Athletic, Arts & Exhibitions, Contests, Other

** Scope: Local (University Level), National, International

5.7 Student Awards

No.	Competition	Venue	Date	Award
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1-	IBA-AAPG 2024 international competition in Petroleum Geosciences	King Fahd University of Petroleum and Minerals in Dhahran, Saudi Arabia	7/3/2024	2nd place among university teams in the Middle East https://www.sharjah.ac.ae/en/academics/Colleges/Sciences/c Supervisor: Dr. Mohamed Abdel-Fattah The UoS team members are as follows: 1- Khadeejath Safa Bint Ali 2- Mariam Ibrahim Abdalla Jamouh Alya 3- Salem Mabrook Yahya Al-Nahdi 4- Fatimaalzhra Nadir Aidarous Al-Ahdal 5- Hareem Iqbal Muhammad Iqbal Khan
2-	11 th Undergraduate Research & Innovation Competition (URIC).	Abu Dhabi University https://www.adu.ac.ae/uric	23/5/2024	1 st prize Student: Mansour Al Ali (U19200993) Supervisors: Prof. Kais Daoudi & Prof. Mounir Kaidi
3-	11 th Undergraduate Research & Innovation Competition (URIC).	Abu Dhabi University. https://www.adu.ac.ae/uric	23/5/2024	2 nd prize Student: Abdel Rahman Marwan Mousa Allan (U20104674) Supervisors: Prof. Prof. Mounir Kaidi & Kais Daoudi
4-				

Research and Scholarly Activities

Publications

Publication Category	Number of Publications
Published Books	
Journal Papers	24
Book Chapters	
Conference Papers	5
Technical Reports & Manuals	1
Artistic and Creative Works*	
Total	30

* For College of Fine Arts and Design

List of Publications

No.	Publication Name	Category*
1	Abdel-Fattah, M.I. , Reda, M., Fathy, M., Saadawi, D.A., Alshehri, F. and Ahmed, M.S., 2024. Oil-source correlation and Paleozoic source rock analysis in the Siwa Basin, Western Desert: Insights from well-logs, Rock-Eval pyrolysis, and biomarker data. <i>Energy Geoscience</i> , 5(3), p.100298.	Journal Paper
2	Kassem, A.A., Nabawy, B.S., Mogren, S., Abdel-Fattah, M.I. , Radwan, A.A. and Ibrahim, E., 2024. Implications of the depositional and diagenetic attributes on the reservoir properties of the siliciclastic mangahewa formation, Taranaki Basin, New Zealand: Integrated petrographical and petrophysical studies. <i>Marine and Petroleum Geology</i> , 164, p.106823.	Journal Paper
3	Reda, M., Abdel-Fattah, M.I. , Fathy, M. and Bakr, A., 2024. Integrated analysis of source rock evaluation and basin modelling in the Abu Gharadig Basin, Western Desert, Egypt: Insights from pyrolysis data, burial history, and trap characteristics. <i>Geological Journal</i> , 59(4), pp.1416-1443.	Journal Paper
4	Suleiman, B.M. , Moraitis, D. , Abdel-Fattah, M.I. , Attaelmanan, A.G., Hamdan, H. and Alzaylaie, M., 2024, April. Thermal Properties of Backfill Material for Underground Heat Exchange Applications. <i>Journal of Physics: Conference Series</i> , 2751(1), 012010.	Conference Paper
5	Safa, K., Elsamani, M.A., Khaldi, H., Abdel-Fattah, M. and Hamdan, H. , 2024. Unveiling hidden history: GPR survey reveals buried water well in Liluiyah, Khorfakkan's historic district. 7th International Conference on Engineering Geophysics, ICEG 2023, pp. 143–146.	Conference Paper
6	Hamdan, H. , Moraetis, D. , Economou, N., Elsamani, A.M. and Abdel-Fattah, M. , 2024. Estimating Water Infiltration Rate Using Time-Lapse GPR Technique. <i>Advances in Science, Technology and Innovation</i> . pp. 179–181.	Conference Paper
7	Mebrouki, N., Nabawy, B., Hacini, M. and Abdel-Fattah, M.I. , 2024. Deciphering the implication of microfacies types and diagenesis on the reservoir	Journal Paper

	quality of the Cambrian sequence in Hassi Messaoud Field, Algeria. <i>Marine and Petroleum Geology</i> , p.106650.	
8	El-Qalamoshy, T.R., Abdel-Fattah, M.I. , Reda, M., Abdelhafeez, T.H., Azzam, S.S.S. and Mosaad, M., 2023. A multi-disciplinary approach for trap identification in the Southern Meleiha Area, North Western Desert, Egypt: integrating seismic, well log, and fault seal analysis. <i>Geomechanics and Geophysics for Geo-Energy and Geo-Resources</i> , 9(1), p.157.	Journal Paper
9	Shehata, A.A., Abdel-Fattah, M.I. , Hamdan, H.A. and Sarhan, M.A., 2023. Seismic interpretation and sequence stratigraphic analysis of the Bahariya Formation in the South Umbaraka oilfields (Western Desert, Egypt): insights into reservoir distribution, architecture, and evaluation. <i>Geomechanics and Geophysics for Geo-Energy and Geo-Resources</i> , 9(1), p.135.	Journal Paper
10	Abdel-Fattah, M.I. , Hamdan, H.A. and Sarhan, M.A., 2023. Hydrocarbon potential and reservoir characteristics of incised-valley transgressive sandstones: a case study of the Messinian gas reservoirs (Nile Delta Basin, Egypt). <i>Journal of African Earth Sciences</i> , 207, p.105073.	Journal Paper
11	Abdel-Fattah, M.I. , Sarhan, M.A., Ali, A.S. and Hamdan, H.A. , 2023. Structural and petrophysical characteristics of the Turonian "AR/G "reservoirs in heba field (Western Desert, Egypt): Integrated approach for hydrocarbon exploration and development. <i>Journal of African Earth Sciences</i> , 207, p.105072.	Journal Paper
12	Leila, M., Radwan, A.A. and Abdel-Fattah, M.I. , 2023. Lithofacies Controls on Hydrocarbon Generation Potentiality of the Syn-Rift Late Cretaceous Rakopi Deltaic Facies in the North-Eastern Offshore Part of Taranaki Basin, New Zealand. <i>Minerals</i> , 13(9), p.1169.	Journal Paper
13	Sarhan, M.A., Ali, A.S. and Abdel-Fattah, M.I. , 2023. Geophysical assessment of basement rocks for use as an unconventional reservoir in the Rabeh East oil field, southern Gulf of Suez Basin. <i>Euro-Mediterranean Journal for Environmental Integration</i> , pp.1-15.	Journal Paper
14	Shehata, A.A., Sarhan, M.A., Abdel-Fattah, M.I. and Mansour, S., 2023. Geophysical assessment for the oil potentiality of the Abu Roash "G" reservoir in West Beni Suef Basin, Western Desert, Egypt. <i>Journal of African Earth Sciences</i> , p.104845.	Journal Paper
15	Shehata, A.A., Sarhan, M.A., Abdel-Fattah, M.I. and Assal, E.M., 2023. Sequence stratigraphic controls on the gas-reservoirs distribution and characterization along the Messinian Abu Madi incision, Nile Delta Basin. <i>Marine and Petroleum Geology</i> , 147, p.105988.	Journal Paper
16	Highly flexible copper tape decorated with Ag nanoarrays as ultrasensitive SERS platforms for multi-hazardous pollutant sensing. Mohamed Shameer, Kabali Vijai Anand, Soumya Columbus, Hussain Alawadhi, Kais Daoudi, Mounir Gaidi, Kasivelu Govindaraju <i>Microchimica Acta</i> 191 (4) (2024) 193	Journal Paper
17	Cauliflower-based cadmium sulfide prepared through micro spot fabrication with laser-assisted chemical bath deposition as an active area for optical photosensors.	Journal Paper

	Khawla Ahmad Aloueedat, Naser M Ahmed, Muhammad Rabie Bin Omer, Kais Daoudi, Munirah A Almessiere, Optik 300 (2024) 171657.	
18	Diurnal and seasonal influence on the indoor radon levels in dwellings of Sharjah Emirate as well its estimation of annual effective dose. Hussein M Elmehdi, Krithikadevi Ramachandran, Mounir Gaidi, Kais Daoudi, Case Studies in Chemical and Environmental Engineering 9 (2024) 100663.	Journal Paper
19	Smart optical sensing of multiple antibiotic residues from wastewater effluents with ensured specificity using SERS assisted with multivariate analysis. Sefeera Sadik, Soumya Columbus, Sourjya Bhattacharjee, Shaiju S Nazeer, Krithikadevi Ramachandran, Kais Daoudi , Hussain Alawadhi, Mounir Gaidi, Abdallah Shanableh, Environmental Pollution 343 (2024) 123229.	Journal Paper
20	Highly efficient, label free, ultrafast plasmonic SERS biosensor (silver nanoarrays/Si) to detect GJB2 gene expressed deafness mutations in real time validated with PCR studies. Arwa Al AlSafadi, Krithikadevi Ramachandran, Soumya Columbus, Abdelaziz Tlili, Kais Daoudi , Mounir Gaidi, International Journal of Biological Macromolecules 259 (2024) 129381	Journal Paper
21	Diode characteristics, piezo-photocatalytic antibiotic degradation and hydrogen production of Ce ³⁺ doped ZnO nanostructures Hussein M Elmehdi, Krithikadevi Ramachandran, Siva Chidambaram, Gurukaelaiarasu Tamilarasi Mani, Saravanan Pandiaraj, Sondos Abdullah Alqarni, Kais Daoudi , Mounir Gaidi, Chemosphere 350 (2024)141015	Journal Paper
22	Confined assembly of size-tunable silver nanoprisms on flexible Teflon tapes as highly active SERS hotspots for ultralow-level sensing of DNA and glucose Soumya Columbus, Kais Daoudi , Krithikadevi Ramachandran, Mohamed Shameer, Hassen Hadj Kacem, Hussain Alawadhi, Mounir Gaidi, Sensors and Actuators B: Chemical 398, (2024) 134780.	Journal Paper
23	Multi-functional silver nanoprism-titanium dioxide hybrid nanoarrays for trace-level SERS sensing and photocatalytic removal of hazardous organic pollutants Rania Ziad, Soumya Columbus, Abdelaziz Elgamouz, Kais Daoudi , Abdel-Nasser Kawde, Krithikadevi Ramachandran, Mounir Gaidi, Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy 297 (2023) 122701	Journal Paper
24	Highly efficient, multiplexed SERS sensing of para-aminobenzoic acid using reusable silver nanoarrays for environmental monitoring Mohammed Sharmee, K Vijai Anand, Soumya Columbus, Hussain Alawadhi, Kais Daoudi , Mounir Gaidi, K Govindaraju, Materials Science and Engineering: B 295 (2023) 116576	Journal Paper
25	Rapid screening of Turkey DNA fingerprint using highly sensitive label free plasmonic SERS biosensor Hassen Hadj Kacem, Krithikadevi Ramachandran, Gurukaelaiarasu Tamilarasi Mani, Soumya Columbus, Kais Daoudi , Siva Chidambaram,	Journal Paper

	Bashir Suleiman, My Ali El Khakani, Mounir Gaidi, Surfaces and Interfaces, in press (2023).	
26	Trace-level sensing of food toxins by flexible and cost-effective SERS sensors fabricated by pulsed-laser-deposition of gold nanoparticles on polycarbonate matrix Hussain Alawadhi, Moza Ali Alnaqbi, Krithikadevi Ramachandran, Soumya Columbus, Kais Daoudi , Siva Chidambaram, My Ali El Khakani, Mounir Gaidi, Surfaces and Interfaces, 40 (2023) 103016.	Journal Paper
27	Investigating antitumor therapeutic efficacy using magnetic hyperthermia of Fe ₃ O ₄ nanoparticles , Venkatesha Narayanaswamy, Jayalakshmi Jagal, Imaddin A Al-Omari, Hafsa Khurshid, Mohamed Haider, Ihab M Obaidat, Bashar Issa Journal of Physics: Conference Series , 2751 (2024) 012002	Conference paper
28	Evaluation of Antiproliferative Properties of CoMnZn-Fe ₂ O ₄ Ferrite Nanoparticles in Colorectal Cancer Cells Venkatesha Narayanaswamy, Bilal Rah, Imaddin A Al-Omari, Alexander S Kamzin, Hafsa Khurshid, Jibran Sualeh Muhammad, Ihab M Obaidat, Bashar Issa Pharmaceuticals, 17 (2024) 327.	Journal paper
29	Analyzing Meteorites at the Sharjah Academy for Astronomy, Space Sciences, and Technology. In: Ciner, A., et al. Recent Research on Environmental Earth Sciences, Geomorphology, Soil Science and Paleoenvironments. MedGU 2022. Fernini I., Subhi S., Attaelmanan G., Abdub Y.A., Al-Naimiy H. (2024) Advances in Science, Technology & Innovation, pp. 79–81.	Conference paper

* Category: Book, Journal, Book Chapter, Conference, Technical Report, Manual, Artistic Work ...etc.

Funded Research to be updated

No.	Project Title	Principal Investigator	Grant Source	Amount (AED)
1.	Fabrication of hierarchical nanoarchitectures with biocompatible polymers/ plasmonic nanoprisms as highly flexible, ultra-sensitive, low-cost SERS biosensor for rapid early diagnosis of oral cancer in saliva	Prof. Kais Daoudi	UoS	90k AED

2.	Green energy solar driven wastewater remediation by the fabrication of highly efficient Z-scheme semiconductor heterojunction photocatalyst with novel emergent 2D materials	Prof. Kais Daoudi	UoS	100k AED
3.	Integrated geological and geophysical techniques to assess unconventional shale reservoirs as a future resource of natural gas	Dr. Mohamed Abdel-Fattah	UoS	28k AED
4.	Magneto-optical therapy of breast cancer cells (MDA-MB-231 cell line) using multifunctional core/shell structured iron/gold nanorods	Dr. Hafsa Khurshid	UoS	108k AED
5.				
Total				

Membership in Research Entities

No.	Group Title	Group Members	Start Date	Coordinator

Research Events/Activities

No.	Event Name	Type*	Scope**	Date	Beneficiaries
1.	IGCP-715 Workshop in Hydrogeology and Structural Geology in Subduction Zones	Workshop	Local	7-11 Nov 2023	DAPA students and faculty, external researchers and students from

					Sorbonne University
2.	A booth in to represent UoS in the Seventh international conference on Engineering Geophysics	Conference	International	16-19, 2023.	All conference attendees
3.	Nanotechnology and Nanomaterials for Biomedical Applications (Hafsa Khurshid)	workshop	local	31 August 2023	F aculty, Staff, students, University of Sharjah

*Event Types: Symposium, Seminar, Conference, Workshop, Exhibition, Other

** Scope: Local (University Level), National, International

Research Seminars within the department of Applied Physics and Astronomy (DAPA)

No.	Speaker	Affiliation	Title	Date
29.	<i>Dr. Mahmoud Abdel-Hafiez</i>	DAPA	Quantum Materials Under Extreme Conditions	3/10/2023
30.	<i>Prof. Amine Ahriche</i>	DAPA	The Higgs sector in the Georgi-Machacek model	10/10/2023
31.	<i>Prof. Yarub Al-Douri</i>	DAPA	Exploring nanomaterials for renewable energy	27/10/2023
32.	<i>Prof. Ihab Obaidat</i>	DAPA	Magnetic hyperthermia: basic, advancements and challenges	7/11/2023
33.	<i>Dr. Tanveer Hussain</i>	University of New England, Australia	Applications of Two-Dimensional Materials in Green and Sustainable Energy Storage	22/11/2023

o Community Engagement

Community Service

No.	Event Name	Type*	Date	Beneficiaries
EVALUATOR or Referee (Total =...)				
CHAIR (Total =...)				
TV/NEWSPAPERS (Total = ...)				
	The 14th Arabic Conference of the Arab Union for Astronomy and Space Science Omar	Sharjah TV	19 November 2023	Public
	The 14th Arabic Conference of the Arab Union for Astronomy and Space Science Omar	Sharjah Radio	16 November 2023	Public

External Committees (Total = ...)				
	EmSAT National Physics Exam Committee Saja AbdulHadi	Experts, Comparative Judge, Consultant, Item Writer, and reviewer.	9/2019 - now	National and International Examination Department - Ministry of Education - UAE
	Physics Assessment committee Saja AbdulHadi	Experts, Comparative Judge, Consultant, Item Writer, and reviewer.	9/2019 - now	National and International Examination Department - Ministry of Education - UAE

*Event Types: Newspaper articles, TV & Radio, Seminars & Workshops, Public Lectures ...etc.

** look to previous section in 5.6 Student Extra-Curricular Activities

**DEPARTMENT OF
MATHEMATICS**

2023-2024

A Brief Idea about the Report

This report is designed according to the Standards for Licensure and Accreditation (2011 version). The collected data will be used to form the annual report at the college and university level, in addition to the report submitted to the Board of Trustees and the Accreditation Commission. There is no doubt that the ideal harmony of efforts to prepare reports will save time and energy for faculty, chairpersons and deans as the same data will be used for different purposes without repetition.

This stage of data collection will be followed by more analysis to reflect achievement in the most suitable manner.

The college or department may add parts' comments or additional data that may serve any special nature of the program and enrich the report and make it more comprehensive. These observations and exchange of experience will benefit all.

You are welcome to communicate with the Directorate of Quality Assurance, Institutional Effectiveness and Accreditation in case of any enquiries. We are also ready to meet with coordinators, departments or colleges as required.

DEPARTMENT VISION

To become one of the leading departments in the Gulf region, renowned and recognized for the stylish research in Mathematics and Statistics and the ability to prepare students for leadership roles.

DEPARTMENT MISSION

The mission of the Department of Mathematics is to provide high-quality education to students so that they can become high-caliber professionals capable of contributing to the country's development and instill a spirit of independent research and a deep commitment to lifelong learning and continuous progress.

DEPARTMENT VALUES

We in the Department of Mathematics value.

- A tradition that provides a basis for lifelong learning and critical thinking and supports the professional aspirations of our students and our community.
- Active pursuit of learning and scholarship in Mathematics through research and its dissemination through publication and teaching.
- A variety of ideas and approaches that support the growth of students, faculty, and staff.
- A collaboration in teaching and research that enhances the Department's growth and visibility.

DEPARTMENT HIGHLIGHTS

1. The Department got the international ABET accreditation for its B.Sc. program. It is the first such international ABET accreditation in the region.
2. The Department of Mathematics participated actively in most of the activities organized by the University inside and outside the campus.
3. The faculty members were active in online teaching and examination using the BB system and other software programs like MS Teams and Zoom.
4. Online resources provided by McGraw Hill & Wiley are used by university students in Calculus I, Calculus II, Calculus III, and Linear Algebra courses.
5. The faculty members were active in research and published many referred journal papers (Scopus & ISI).
6. Nine members of the Department participated in international conferences.
7. Many faculty members were among the members of the organizing/scientific committees of international conferences.

UNIVERSITY COMMITTEES

#	Committee Title
34.	University Central Committee Salim Messaoudi
35.	University Teaching Incentive Committee Salim Messaoudi
36.	University Learning Environment Committee Dr. Firas Ghanim Ahmed
37.	Sustainability Rankings Prof. Abdelaziz Soufyane
38.	
39.	

COLLEGE AND DEPARTMENT COMMITTEES

17.	Strategic planning and Annual report committee <ul style="list-style-type: none">• Prof. Mostafa Zahri• Dr. Abdelaziz El Gamouz• Dr Ban Al Joubori• Dr. Yassir Ahmed Abdu• Ms Racha Al Khoury
18.	Hiring Committee
19.	Promotion Committee
20.	Curriculum and Accreditation Committee
21.	Exams and Time Tables Committee <ul style="list-style-type: none">• Prof. Muhammad Islam Mustafa
22.	<i>Advising college committee</i>
23.	<i>College Annual Report Committee</i>
24.	<i>Student Affairs Committee:</i>
25.	<i>College Research Committee</i>
26.	<i>College Website Committee</i>
27.	<i>College Social Committee</i>
28.	<i>Final exams technical support committee</i>
29.	<i>Postgraduate studies</i> Prof. Basem Attili
30.	<i>College Social Committee</i>
31.	<i>disciplinary committee</i> <ul style="list-style-type: none">• Dr. Firas Ghanim Ahmed

32. *disciplinary committee*

33. *Outreach committee*

- Prof. Mahmoud Benkhelifa

MATH-DEPARTMENT COMMITTEES 2023/2024

34. **Outreach Committee**

- Mrs. Kholoud Mustafa
- Prof. Basem Attili
- Dr. Mohammad Bataineh
- Mrs. Nida Siddiqui

35. **Curriculum Committee**

- **Dr. Mohammed Al-Akhrass**
- Prof. Ali Jaballah
- Dr. Marwan Al Momani

36. **Examinations Committee**

- **Dr. Mohammed Bastaineh**
- Prof. Muhammad Islam
- Mrs. Kholoud Mustafa

37. **Teaching Schedule Committee**

- **Prof. Muhammad Islam**
- Prof. Belkacem Said Houari
- Dr. Tahir Abbas

38. **Community Service and Social Committee**

- **Dr. Aziz Takhirov**
- Prof. Ali Jaballah
- Mrs. Kholoud Mustafa

39. **Scientific Research and Seminar Committee**

- Dr. Zahid Raza
- Prof. Belkacem Said Houari
- Prof. Salim Messaoudi
- Dr. Aziz Takhirov

40. **Accreditation and Academic Plans**

- **Dr. Firas Ghanim&**
- All members of the department

41. **Student Advising Committee**

- **Prof. Bassem Attili**
- Dr. Mohammed Bataineh
- Dr. Abbas Tahir

42. **Annual Report and Strategy Planning Committee**

- **Prof. Mostafa Zahri**

43. **Conference and Workshop Committee**

	<ul style="list-style-type: none"> • Prof. Mahmoud Benkhalifa • Dr. Zahid Raza • Prof. Salim Messaoudi • Prof. Basem Attili • Prof. Ali Jaballah • Prof. Abdelaziz Soufyane • Prof. Mostafa Zahri • Prof. Belkacem Said-Houari • Dr. Mohammed Al-Akhrass • Dr Marwan Al Momani • Mrs. Nida Siddiqui
44.	Department Website and Software Committee <ul style="list-style-type: none"> • Mrs. Nida Siddiqui (English) • Dr Marwan Al Momani (Arabic)
45.	Internship and Training Committee <ul style="list-style-type: none"> • Prof. Abdelaziz Soufyane • Dr.
46.	Library, Computing Resources, and Educational Technology Tools Committee. <ul style="list-style-type: none"> • Dr. Abbas Tahir • Prof. Mahmoud Ben khalifa • Dr. Mohammed Al-Akhrass
47.	Disciplinary Committee <ul style="list-style-type: none"> • Dr. Firas Ghanim • Prof. Salim Messaoudi
48.	Council secretary Dr. Mohammed Al-Akhrass
49.	Department representative in the college council <ul style="list-style-type: none"> • Prof. Mostafa Zahri

DEPARTMENT ADVISORY BOARD MEMBERS

The Advisory Board Committee for the College of Sciences served as the advisory board for the department of mathematics.

PROGRAMS OFFERED IN 2022-2023

No.	Program
2.	B.Sc. in Mathematics
3.	Master

Academic Accreditation Status

No.	Program	Deg.	Status	From	To	Comments
1.	Bachelor in Mathematics	Bachelor	Full Accreditation	April 2016	April 2021	
2.	Bachelor in Mathematics	Bachelor	ABET Accreditation	April 2016	2023	

FACULTY AND PROFESSIONAL STAFF

List of Full-Time Faculty Members:

ID. #	Name	Rank	Department	Specialization	Comments
101504	Abdelaziz Soufyane	Professor	Mathematics	Control Theory of PDEs	
10739	Basem Attiti	Professor	Mathematics	Numerical Analysis	
10311	Ali Jaballah	Professor	Mathematics	Algebra & Fuzzy Sets	
101720	Salim Messaoudi	Professor	Mathematics	Partial Differential Equations	
101630	Mostafa Zahri	Professor	Mathematics	Applied Mathematics	
101615	Belkacem Said-Houari	Professor	Mathematics	Analysis of PDEs	
101320	Muhamed Islam	Professor	Mathematics	Partial Differential Equations	
101321	Mahmoud Binkhalifa	Professor	Mathematics	Algebraic topology	
101322	Zahid Raza	Professor	Mathematics	Pure and Appl. Mathematics	
101016	Firas Ghanim Ahmed	Associate Prof.	Mathematics	Complex Analysis	
101323	Mohamed Bataineh	Associate Prof.	Mathematics	Extremal Combinatorics	
	Tahir Abas	Assistant Prof.	Mathematics	Statistics	
	Marwan Al Momani	Assistant Prof.	Mathematics	Statistics	
101009	Nida Siddiqui	Lecturer	Mathematics	Mathematics	
10883	Kholoud Mustafa	Lecturer	Mathematics	Mathematics	

FACULTY ANALYSIS

Teaching Load:

Faculty name	Rank	Full-Time or Part-Time	Fall	Spring	Contact Hours	Credit Hours
			Contact Hours	Credit Hours		
Abdelaziz Soufyane	Professor	Full -Time	3	3	3	3
Bassem Attili	Professor	Full -Time	9	9	12	12
Ali Jaballah	Professor	Full -Time	12	12	16.33	16.33
Salim Messaoudi	Professor	Full -Time	12	12	9	9
Mostafa Zahri	Professor	Full -Time	12	12	12	12
Mahmoud Benkhelifa	Professor	Full -Time	12	12	12	12
Belkacem Said-Houri	Professor	Full -Time	12	12	15	15
Muhammad Islam	Professor	Full -Time	12	12	12	12
Firas Ghanim Ahmed	Associate Prof.	Full -Time	12	12	12	12
Zahid Raza	Professor	Full -Time	12	12	12	12
Mohammad Bataineh	Associate Prof.	Full -Time	12	12	12	12
Mohammad Alakhrass	Associate Prof.	Full -Time	12	12	12	12
Aziz Takhirov	Assistant Prof.	Full -Time	12	12	12	12
Marwan Al Momani	Assistant Prof.	Full -Time	12	12	12	12
Tahir Abas	Assistant Prof.	Full-Time	12	12	18	18
Mrs. Kholoud Abu Rezq	Lecturer	Full-Time	15	15	15	15
Mrs. Nida Siddiqui	Lecturer	Full-Time	15	15	15	15
Nosheen Zareen Khan	Lecturer	Part-Time	18		18	18
Emad Ahmed Shadid	Lecturer	Part-Time	12		12	12
Sum						

Research Productivity:

The following table shows the number of publications per faculty member over the last five years:

Department member	Number of published papers	Number of published books
Prof. Abdulaziz Soufyane		-
Mahmoud Benkhelifa	25	
Ali Jaballah	5	
Dr. Firas Ghanim Ahemed	37	-
Prof. Muhammad Islam Mustafa		

The Education Program

Curriculum Development

No.	Course/Program	Development*	Description
6-	Master in Foresight Sciences in Interdisciplinary Sciences (M.Sc. FSIS)		
7-	Bachelor of Science in Mathematics for Artificial Intelligence		
8-			
9-			
10-			
11-			
12-			

*Development:

- 1- Program Update: changes in the structure of an offered program
- 2- Course Update: change in course name, pre-requisites, credit hours, ..etc.
- 3- New Course
- 4- Content Development
- 5- Others (specify)

Teaching & Learning

Methods for teaching and learning (new methods and enhancements on current methods):

[Examples: Team-based learning, Problem-based learning, group studies, case studies, projects, ...etc.]

These will reflect what is done in classrooms and documented in the course files.

15-	Online teaching, quizzes, exercises and final exam using the BB system and other software programs like MS teams for the Spring 2019/2020.
16-	Final year project was discussed using the online system
17-	Weekly tutorial sessions have been started the fall semester for the courses Calculus 1 (1440131), Calculus 1 for Engineering (1440133), Calculus 2 (1440132), Calculus 2 for Engineering (1440161), Into. Prob. and Stat., and Linear algebra (1440211) (Spring Semester 2019/2020)
18-	Home works have been assigned to students
19-	Design and update for the PowerPoint Slide Notes
20-	Problem solving approach was adopted in these four courses(Business Stat., Probability and Statistics, Business Math and Math Business)
21-	Home works have been assigned to students
22-	Design Problem sets for the course Math. For Eng. to enhance student learning.
23-	Case Studies: Statistics for Science Lab
24-	Group learning techniques
25-	Project for students

Internship Statistics

No.	Site Name	Emirate	# Male Students	# Female Students	Total
1	SCAAS	Sharjah	2	6	8
2					

Internship Sites

	Summer	Fall	Spring	Total
# Training Sites				
# Trainee Students (National in UAE)				
# Trainee Students (Training abroad)				

No.	Site Name	Emirate	# Male Students	# Female Students	Total
1					
2					

** Development Area: Teaching & Learning, Assessment ...etc.

Awards and Prizes

No.	Prize Name	Awarded To	Awarded By
1.			

Students

Major	Program	No. of Students (Fall 2017)	No. of Students (Spring 2018)	Total
Mathematics	B.Sc. Mathematics			

Student Advising

No.	Faculty Name	Rank	# Male Students		# Female Students	
			Fall	Spring	Fall	Spring
1	Abdelaziz Soufyane	Professor	3	3	3	3
2	Basem Attiti	Professor	3	3	3	3
3	Ali Jaballah	Professor	3	3	3	3
4	Salim Messaoudi	Professor	3	3	3	3
5	Mahmoud Binkhalifa	Professor	3	3	3	3
6	Mostafa Zahri	Professor	3	3	3	3
7	Belkacem Said-Houari	Professor	3	3	3	3
8	Muhammad Islam	Professor	3	3	3	3
9	Firas Ghanim Ahmed	Associate Prof.	3	3	3	3
10	Mohamed Bataineh	Associate Prof.	3	3	3	3
11	Zahid Raza	Associate Prof.	3	3	3	3
12	Mohammad Alakhrass	Associate Prof.	3	3	3	3
13	Aziz Takhirov	Assistant Prof.	3	3	3	3
14	Marwan Al Momani	Assistant Prof.	3	3	3	3
15	Tahir Abbas	Assistant Prof.	3	3	3	3
Total						

*Rank: Full Professor, Associate Professor, Assistant Professor, Lecturer

Efforts to Enhance Academic Advising:

- All faculty have been requested to meet at least once per semester with students.
- Follow closely with students who are under probation and advise them accordingly.
- Contact with advisees and keep records of their academic achievements.

Student Extra-Curricular Activities

No.	Activity Name	Type*	Scope**	Date	Beneficiaries
1.					

Student Awards

No.	Competition	Venue	Date	Award
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Learning Resources

Summary of available learning resources (e.g. books, periodicals, electronic resources, laboratories)

No.	Learning resource
1.	Online Blackboard System
2.	Online Mathematics and Statistics journals.
3.	Computer Lab
4.	Library

Summary of information technology methods used in enriching teaching, learning and research

No.	Information technology system/method
1.	Blackboard system
2.	MS Teams
3.	Zoom
4.	Banner System
5.	What's up
6.	McGraw Hill Online Assignments and assessments
7.	Wolfram CDF player for Wolfram Demonstration Projects
8.	Maple software
9.	SPSS software

Research and Scholarly Activities

Publications for the Year 2023-2024.

Publication Category	Number of Publications
Published Books	
Journal Papers	See Scival
Book Chapters	
Conference Papers	
Technical Reports & Manuals	
Artistic and Creative Works*	
Total	

* For College of Fine Arts and Design

List of Publications (See Scival report_

* Category: Book, Journal, Book Chapter, Conference, Technical Report, Manual, Artistic Work ...etc.

Funded Research

No.	Project Title	Principal Investigator	Grant Source	Amount (AED)
6.	Special Functions and their Applications in Sciences and Engineering (Mittag-Leffler function / Hurwitz Zeta Function),	University of Sharjah, 2022- present		38000
7.	Scalar Auxiliary Variable Based Schemes for Solutions of Flow Problems	Dr. Aziz Takhirov	UoS	70,000
Total				9

Faculty Development

No.	Development Event*	Development Area**	Description
1-	Presentations	Teaching & Learning	"Pi Day" held in the Math Department
2-	Presentations	Teaching & Learning	"Graduation Projects Day" held in the Math Department
3-	Forum	Research	"The 15th Annual Scientific Research Forum" at UOS
4-	Workshop	Teaching & Learning	Workshop: Rethinking Examinations in Higher Education
5-	Workshop	Research	Workshop on Recent Advances in Analysis and Applications-United Arab Emirates University
6-	Workshop	Teaching & Learning	Workshop: Preparation for CAA Accreditation and Response to ABET Requirements. A Collective Effort and Team Work
7-	Workshop	Teaching & Learning	Workshop on accreditation: Best practices to keep always ready for accreditation
8-	Workshop	Teaching & Learning	Pearson Middle East MyLab Math workshop & product demonstration
9-	Workshop	Research	Workshop on PDES and Applications
10-	Conference	Research	Satellite Conference on Algebra, Combinatorics and Number Theory 2023 (Online conference on 27-29 September 2023)
11-	Conference	Research	First Joint IIIMT - Algebra Forum Conference 2023

			held on 16th - 17th December 2023 at Department of Mathematics and Natural Sciences, Mataram University. Indonesia Participated online
12-	Conference	Research	36th Ohio State – Denison Mathematics Conference, held May 10 – 12, 2024, in Columbus, Ohio.
13-	Seminar	Research	Research Accelerators in the GCC Countries Held online on 26 February 2024
14-	Seminar	Research	Research seminars at the Department of Mathematics, University of Sharjah
15-	Workshop	Research	Workshop on Algebra, Combinatorics and Applications Held at the department of Mathematics, UOS, on 20 April 2024
16-	Conference	Research	"UAE Math Day 2024", held at New York University Abu Dhabi, on March 2, 2024
17-	Presentations	Teaching & Learning	"Graduation Projects Day" held in the Math Department
18-	Forum	Research	"The 15th Annual Scientific Research Forum" at UOS
19-	Seminar	Research	L'Oreal-UNESCO For Women in Science Award
20-	Conference	Research	First Sharjah International Conference on Mathematical Sciences, 6-8 November 2023
21-	Conference	Research	"UAE Math Day 2023", Zayed University, UAE, March 4, 2023
22-	Presentations	Teaching & Learning	"Pi Day" held in the Math Department
23-	Presentations	Teaching & Learning	"Graduation Projects Day" held in the Math Department
24-	Forum	Research	"The 15th Annual Scientific Research Forum" at UOS
25-	Workshop	Teaching & Learning	Workshop: Preparation for CAA Accreditation and Response to ABET Requirements. A Collective Effort and Team Work
26-	Workshop	Teaching & Learning	Workshop on accreditation: Best practices to keep always ready for accreditation
27-	Workshop	Teaching & Learning	Pearson Middle East MyLab Math workshop & product demonstration
28-	Workshop	Research	Workshop on PDES and Applications
29-			
30-	Conference	Research	"UAE Math Day 2023", Zayed University, UAE, March 4, 2023
31-	Presentations	Teaching & Learning	"Pi Day" held in the Math Department
32-	Presentations	Teaching & Learning	"Graduation Projects Day" held in the Math Department
33-	Forum	Research	"The 15th Annual Scientific Research Forum" at UOS
34-	Workshop	Teaching & Learning	Workshop: Rethinking Examinations in Higher Education

35-	Workshop	Research	Workshop on Recent Advances in Analysis and Applications-United Arab Emirates University
36-	Workshop	Teaching & Learning	Workshop: Preparation for CAA Accreditation and Response to ABET Requirements. A Collective Effort and Team Work
37-	Workshop	Teaching & Learning	Workshop on accreditation: Best practices to keep always ready for accreditation
38-	Workshop	Teaching & Learning	Pearson Middle East MyLab Math workshop & product demonstration
39-	Workshop	Research	Workshop on PDES and Applications

Events

No.	Event Name	Type*	Scope**	Date	Beneficiaries
1.	First Joint IIIMT - Algebra Forum Conference 2023	Conference	Department of Mathematics and Natural Sciences	December, 16th - 17th 2023	Researchers
2.	Open Day	Event	National	31/1/2024-1/2/2024	School students
3.	Math Day	Event	National	2/11/2023	School students
4.	Orientation Day	Event	National	26/9/2023	Math Students
5.	College of Sciences Alumni Gathering	Event	National	12/2/2024	Alumni
6.	Hosted a researcher from an international university	Scientific Visit		The month of December 2023	Nouar Degaichi, Department of mathematics, Faculty of Exact Sciences, Tebessa University, Tebessa, Algeria.
7.	Hosted a researcher from an international university	Scientific Visit		November 2023	Dr. Mourad Yettou, Department of the preparatory formation, National Higher School for Hydraulics, Blida, Algeria
8.	Exhibition and Talk Math and Arts	Scientific Visit at UM6P	International	17/12/2023	University Mohammed 6 Polytechnique in Morocco
9.					
10.					
11.					
12.					
13.					

Seminars

No.	Speaker	Affiliation	Title	Date
1.	Ali Jaballah	First Joint IIIMT - Algebra Forum Conference 2023	Order of Prime Ideals and Intermediate Rings	December, 16th - 17th 2023

		Held at the Department of Mathematics and Natural Sciences, Mataram University		
2.	Ali Jaballah	<i>The first Sharjah International Conference on Mathematical Sciences</i>	Sharp Inequalities and Characterizations for Integral Domains	<i>University of Sharjah, 6th-8th November 2023</i>
3.	Ali Jaballah	"UAE Math Day 2024", New York University Abu Dhabi	Prime Ideals and Intermediate Rings in Extensions of Commutative Rings	March 2, 2024
4.	Ali Jaballah	Seminar of the Department of Mathematics University of Sharjah	Overrings of Normal Rings	March 5, 2024
5.	Ali Jaballah	36th Ohio State – Denison Mathematics Conference, Columbus, Ohio.	Intermediate rings in extensions of commutative rings with some finiteness conditions	May 10 – 12, 2024
6.				

Community Engagement

Community Service

No.	Event Name	Type*	Date	Beneficiaries
EVALUATOR (Total =8)				
CHAIR (Total = 20)				
1.	UOS 14 th Annual Open Day on 30 th and 31 st of January 2024			Students and their families in UAE
2.	"Workshop on Algebra, Combinatorics, and Applications ", UOS	Workshop	April 20, 2024	Session Chair
3.	14th Arabic Conference of the Arab Union for Astronomy and Space Sciences	Session Chair	Nov. 13-16, 2023	UOS and Conference
4.	UAE Math Day -Zayed University	Session Chair	March 3, 2023	UAE Universities
5.	Modeling, Analysis and Simulation of Some Evolutionary Phenomena	Research Group	2018-	Faculty and researchers
6.	IMACS	Scientific Society	More than 25 years	Researchers
Membership (Total = 11)				
7.				

8.	Google Scholar	Scientific Society		Researchers
9.	Research Gate	Scientific Society		Researchers
10.	"Modeling, Analysis and Simulation of some Evolutionary phenomena"	Research Group		Faculty and researchers
11.	Google Scholar	Scientific Society		Researchers
12.	Research Gate	Scientific Society		Researchers
13.	Scopus	Scientific Society		Researchers
14.	Scopus	Scientific Society		Researchers
TV/NEWSPAPERS (Total = 1)				
JUDGE (Total = 01)				
15.	Ph. D. external examiner for National University of Sciences, Islamabad	Dr. Ali Jaballah	May 2024	External examiner
16.	Ph. D. external examiner for SRM Institute of Science and Technology, India	Dr. Ali Jaballah	June 2024	External examiner
17.	Google Scholar	Scientific Society		Researchers
18.				
SPEAKER (Total = 8)				
19.	"UAE Math Day 2024", New York University Abu Dhabi Prime Ideals and Intermediate Rings in Extensions of Commutative Rings			Researchers
20.	"UAE Math Day 2023", Zayed University -	Speaker	4/3/2023	Researchers
EDITOR (Total = 43)				
21.	Editor for "Journal of Mathematics", Wiley	Dr. Ali Jaballah		Researchers
22.	Special issue for the Palestinian Journal of Mathematics (Proceedings Title: Recent Advances in Pure and Applied Algebra (RAPAA-2021) by NIT Jamshedpur, Oct 26-28, 2021.)	Dr. Ali Jaballah		Researchers

23.	Paper review for Czechoslovak math journal (Maximal non-pseudovaluation subring of an integral domain)	Ali Jaballah	April 2024	Referee
24.	Paper review for Zentrall Blat fur Mathematik	Ali Jaballah	March 2024	Referee
25.	First Sharjah international conference on Mathematical Sciences	Global well posedness on JMGT equation	7/11/2023	Researchers
26.	EDITOR (Total = 43)			
27.	Mathematical Methods in Applied Sciences	Belkacem Said-Houari	2024	Referee
28.	Journal of the European Mathematics Society	Belkacem Said-Houari	2024	Referee
29.	Paper review for Asian-European Journal of Mathematics (Maximal non-pseudovaluation subring of an integral domain)	Ali Jaballah	2023	Referee
30.	Fitted mesh methods based on non-polynomial splines for singularly perturbed boundary value problems with mixed shifts	Research paper/referee	24/5/2024	AIMS Mathematics
31.	Complex ζ -rung linear Diophantine fuzzy sets: A novel framework for enhancing climate crisis decision making	Research paper/referee	19/4/2024	International J. of Fuzzy systems
32.	Weighted Possibilistic Mean-Standard Deviation Fuzzy Portfolio with Four-stage Business Cycles and Mental Account Based on Three-step Method	Research paper/referee	26/11/2025	International J. of Fuzzy systems
33.	Gudermanian Neural Networks for Neuron Analysis of Two-Point Non-linear Singular Boundary Value Problems Arising in the Thermal-Explosion Theory	Research paper/referee	8/10/2023	Neural Processing Letters
ORGANIZER (Total = 15)				
34.	"Workshop on Algebra, Combinatorics, and Applications ", UOS	Workshop	April 2024	Researchers
35.	First Sharjah International Conference on Mathematical Sciences, 6-8 November 2023	Conference	November 2023	Researchers

*Event Types: Newspaper articles, TV & Radio, Seminars & Workshops, Public Lectures ...etc.

DEPARTMENT OF CHEMSITRY

University Level Committees

#	Committee Title
40.	“Faculty Members Housing Committee” - Chair: Dr. Ayssar Nahle (Chemistry Department)
41.	Dr. Abdelaziz Elgamouz member of the MSc in environmental Sciences & Engineering Committee
42.	Dr. Abdelaziz Elgamouz member of the MSc in environmental Sciences & Engineering Committee
43.	Dr. Abdelaziz Elgamouz member of the Laboratory Safety Committee
44.	Mrs. Mona Kanj member of the “Youth Engagement Committee”, a subcommittee of “Women in Research”.
45.	“Emergency Response and Environment, Health, and Safety Roles Committee”, Member: Dr. Ayssar Nahle (Chemistry Department).
46.	Dr. Mahreen Arooj Member of Women in Research Higher Jury Committee
4	Dr. Mahreen Arooj Co-Chair of Engineering, Computing & Sciences Jury Committee
	Dr. Samar Damiaty member of Women in Research Higher Jury Committee
	Dr. Mohamed S. Nafie, Nominations for Emergency Response and Environment, Health, and Safety Roles.
	Dr. Mohamed S. Nafie, member of “Bioinformatics and Functional Genomics Research Group” at RISE.
	Prof. Monther Khanfar Member of Women in Research Jury Committee

College Committees 2022/2023

#	Committee Title
48.	Examination & Scheduling Committee <i>Coordinator: Mr. Omar Adwan</i> <i>Members: Prof. Muhammed Islam, Dr. Khalid Bajou, Mrs. Azeera Abdul Rahim</i>
49.	<i>Academic</i> <i>Chair:</i> <i>Members:</i>
50.	College Website Committee

	<p><i>Chair: Mrs. Uzma Khan</i></p> <p><i>Members: Mrs. Azeera Abdul Rahim, Mrs. Nidaa Siddiqi, Ms. Mariam Alnaqbi, Ms. Batoul Majed Karzoun</i></p>
51.	<p>Annual Report and strategic planning Committee</p> <p><i>Chair: Dr Mustafa Zahri (Maths)</i></p> <p><i>Members: Dr Abdelaziz Elgamouz (chemistry), Dr Yasser (Physics) and Dr Ban Ljbouri (Biotechnology)</i></p>
52.	<p>Laboratory Safety & Equipment Committee</p> <p><i>Chair: Dr. Ayssar Nahlé</i></p> <p><i>Members: Dr. Ban Al-Joubori, and Mrs. Nawal Nayfeh</i></p>
53.	<p>Scientific Research Committee</p> <p><i>Chair: Prof. Nezar Atalla</i></p> <p><i>Members: Dr. Tanveer ul Haq</i></p>
54.	<p>Social Support Committee</p> <p><i>Chair: Mr. Bassam Rashed</i></p> <p><i>Member: Mrs. Mona Kanj, Ms. Tasneem, Mrs. Kholoud</i></p>
55.	<p><i>Chair: Prof. Ismail Saadoun</i></p> <p><i>Members: Prof. Monther Abdeljabbar Khanfar; Dr. Mohammad Ghalib AL Akhrass; Dr. Hamdan Ali M. Hamdan</i></p>
56.	<p>Students' academic performance Committee</p> <p><i>Chair:</i></p> <p><i>Members:</i></p>
57.	<p>College 52st National Day Celebration Committee</p> <p><i>Chair:</i></p> <p><i>Members:</i></p>
58.	<p>College K12- Science Program</p> <p><i>Chair:</i></p> <p><i>Members:</i></p>

59.	Distance Learning and Assessment Methods Committee <i>Chair:</i> <i>Members:</i>
60.	Skills and Competences Committee <i>Chair:</i> <i>Members:</i>
61.	Program Effectiveness and Accreditation Committee <i>Chair:</i> <i>Members:</i>
62.	College Program Effectiveness and Accreditation Committee <i>Chair:</i> <i>Members:</i>
63.	<i>1. College of Sciences OPEN Days 30th- 31st Jan.</i> <i>Chair: Mrs. Mona Kanj</i> <i>Members: All academic and nonacademics were involved</i>
64.	College 14th UOS Open Day Committee <i>Chair: Mr. Mohammed Mansour</i> <i>Members: Mr. Abdul Raheem Khudada Al Zubaidy, Mrs. Azeera Abdul Rahim, Mrs. Uzma Khan, Mrs. Kholoud Mustafa Abu Rezaq, Ms. Asma Ali Ahmed Almughanni Alnaqbi</i>
65.	College Distance learning and Assessment methods committee <i>Chair:</i> <i>Members:</i>
66.	Member of Multidisciplinary Program Committee at College level Dr. Mahreen Arooj
67.	Outreach committee <i>Chair:</i> <i>Members:</i>
68.	Graduate Studies committee <i>Chair: Prof. Raed A. Al-Qawasmeh</i>

	<i>Members:</i>
69.	Discipline Committee <i>Chair:</i> <i>Members: Dr. Samar Damiati</i>
70.	Recruitment Committee Nouar Tabet (chair) Ihsan Shehadi Chairperson Abdelaziz Tlili
71.	Promotion Committee Nouar Tabet (Chairman)
72.	Holistic advising committee interviews?
73.	Student Development Committee <i>Chair:</i> <i>Members: Dr. Mahreen Arooj</i> <i>Dr. Montaha Anjass Almasri</i>
74.	Student Success and Academic Advising in College of Sciences <i>Chair:</i> <i>Members:</i>
75.	Prof. Ihsan Shehadi “COS College Council” -Coordinator
76.	Prof. Ihsan Shehadi “COS Executive council” -Coordinator
77.	Prof. Ihsan Shehadi “Recruitment and contract renewal Committee”-CoS -Coordinator
78.	<u>Adhoc committee</u> Development of the X-Matrix Strategic Initiatives Visibility and Reputation- Initiative 8: Develop media communication strategy to advertise faculty/students achievements <i>Chair: Mrs. Mona Kanj</i> <i>Members: Mr. Omar Adwan, Mr. Bassam Rashed, Mrs. Nawal Nayfeh. Mrs. Kholoud and Ms. Tasneem</i>
79.	Research and Conferences Committee Member: Dr. Samar Damiati

80.	Development of the X-Matrix Strategic Initiatives Initiative 2: Develop new instructional methodologies Member: Dr. Samar Damiati Dr. Montaha Anjass Almasri
81.	Development of the X-Matrix Strategic Initiatives Initiative 12: Enhance the students' employability and social skills in global contest Chair: Prof. Gehad Sadiek Member: Dr. Kamrul Hasan
82.	Development of the X-Matrix Strategic Initiatives Initiative 7: Organize regularly high-quality international conferences and events Chair: Dr. Mahmoud Rabie Abdel-Hafez Member: Mrs. Azeera Abdul Rahim
	Development of the X-Matrix Strategic Initiatives Develop high-quality research projects to address major problems relevant to UAE Chair: Prof. Ali Ali El-Keblawy Member: Dr. Tanveer ul Haq

Department Committees

83.	Program Assessment & Accreditation Committee Coordinator: Dr. Abdelaziz Elgamouz Members: <i>Prof. Ihsan Shehadi, Dr. Kamrul Hasan, Dr. Tanveer ul Haq</i>
84.	Quality Assurance Committee Coordinator: Dr. Mahreen Arooj Members: <i>Dr. Abdelaziz Elgamouz</i> <i>Dr. Kamrul Hasan</i> <i>Dr. Samar Damiati</i> <i>Mrs. Nemat Dak El-bab</i>
85.	Graduate Studies Committee Coordinator: Prof. Raed Al-Qawasmeh Members: <i>Prof. Monther Khanfar</i> <i>Prof. Ihsan Shehadi</i> <i>Dr. Ahmed Almehdi</i> <i>Dr. Abdelaziz ELGAMOUZ</i> <i>Dr. Montaha Almasri</i>

86.	<p>Research Committee Coordinator: Dr. Tanveer ul Haq Members: <i>Dr. Ahmed Almehti</i> <i>Dr. Mohamed El Naggar</i> <i>Dr. Abdelaziz Elgamouz</i> <i>Dr. Kamrul Hasan</i> <i>Dr. Samar Damiati</i> <i>Dr. Mahreen Arooj</i> <i>Dr. Montaha Almasri</i></p>
87.	<p>Annual Report & Strategic Planning Committee Coordinator: Dr. Abdelaziz ELGAMOUZ Members: <i>Prof. Monther Khanfar</i> <i>Dr. Ayssar Nahlé</i> <i>Dr. Kamrul Hasan</i> <i>Dr. Mohamed El Sayed</i> <i>Mr. Ibrahim Abdel-Rahman</i> <i>Mrs. Azeera Abdul Rahim</i></p>
88.	<p>Committee: Teaching Scheduling & Textbooks Committee Coordinator: Mrs. Nemat Dak El-bab Members: <i>Prof. Ideisan Abu Abdoun</i> <i>Prof. Raed Al-Qawasmeh</i> <i>Prof. Monther Khanfar</i> <i>Dr. Samar Damiati</i> <i>Dr. Mahreen Arooj</i></p>
89.	<p>Seminar & Workshop Committee Coordinator: Dr. Kamrul Hasan Members: <i>Prof. Raed Al-Qawasmeh</i> <i>Dr. Mohamed El Naggar</i> <i>Dr. Samar Damiati</i> <i>Dr. Tanveer ul haq</i> <i>Dr. Mohamed El Sayed</i> <i>Mrs. Mona El-Harakeh</i></p>
90.	<p>Curriculum Committee Coordinator: Prof. Monther Khanfar Members: <i>Dr. Ayssar Nahlé</i> <i>Dr. Mohamed El Naggar</i> <i>Dr. Samar Damiati</i> <i>Dr. Mahreen Arooj</i> <i>Dr. Tanveer ul Haq</i> <i>Dr. Montaha Almasri</i> <i>Mrs. Azeera Abdul Rahim</i></p>
91.	<p>Examination Scheduling Committee Coordinator: Mrs. Azeera Abdul Rahim</p>

	<p>Members: <i>Mrs. Nemat Dak El-bab</i> <i>Mrs. Kifah A-Taqaz</i> <i>Mr. Mohamed Al-Farooq</i> <i>Mr. Amin Hasan Botmah</i> <i>Miss Alaa Hassan Bihi</i> <i>Mr. Ali Al-Samarrai</i></p>
92.	<p>Chemistry Website & Branding Committee Coordinator: Mrs. Azeera Abdul Rahim Members: <i>Mr. Ibrahim Abdel-Rahman</i> <i>Miss Hajir Ibrahim Abdalla</i> <i>Mrs. Reem Rashid Alteneiji</i> <i>Mr. Amin Hasan Botmah</i> <i>Miss Alaa Hassan Bihi</i> <i>Mrs. Muna Hassan Albelooshi</i></p>
93.	<p>Safety Committee Coordinator: Dr. Ayssar Nahlé Members: <i>Prof. Raed Al-Qawasmeh</i> <i>Dr. Mohamed El Sayed</i> <i>All Lecturers and Lab Officers</i></p>
94.	<p>Lab Development and Space Utilization Committee Coordinator: Dr. Ahmed Al Mahdi Members: <i>Prof. Ideisan Abu Abdoun</i> <i>Dr. Ayssar Nahlé</i> <i>Mrs. Nemat Dek Al-Bab</i> <i>Mr. Mussab Osama Hassan</i></p>
95.	<p>Editorial Board for CAM Committee Coordinator: Mr. Ibrahim Abdel-Rahman Members: <i>Prof. Ideisan Abu Abdoun</i> <i>Prof. Monther Khanfar</i> <i>Dr. Kamrul Hasan</i> <i>Miss Hajir Ibrahim Abdalla</i> <i>Mrs. Reem Rashid Alteneiji</i></p>
96.	<p>Social Committee Coordinator: Dr. Samar Damiati Members: <i>Mrs. Nemat Dek Al-Bab</i> <i>Miss Hajir Ibrahim Abdalla</i> <i>Miss Alaa Hassan Bihi</i> <i>Mrs. Muna Hassan Albelooshi</i> <i>Mr. Ali Al-Samarrai</i></p>
97.	<p>Outreach & Information Committee Coordinator: Dr. Abdelaziz Elgamouz (Industry Sector) Mrs. Mona El-Harakeh (Schools and Educational Sector) Members: <i>Prof. Ideisan Abu Abdoun</i></p>

	<p><i>Dr. Samar Damiati</i> <i>Dr. Montaha Almasri</i> <i>Mrs. Kifah A-Taqaz</i> <i>Mr. Mohamed Al-Farooq</i> <i>Mrs. Reem Rashid Alteneiji</i> <i>Mr. Amin Botmah</i> <i>Mr. Ali Al-Samarrai</i></p>
98.	<p>Career and Student Advising Committee Coordinator: Dr. Mohamed El Naggar Members: <i>Prof. Raed Al-Qawasmeh</i> <i>Dr. Ayssar Nahlé</i> <i>Dr. Mohamed El Sayed</i> <i>Mr. Ibrahim Abdel-Rahman</i></p>
99.	<p>Student Association Committee Coordinator: Prof. Ideisan Abu-Abdoun Members: <i>Dr. Ahmed Almehdi</i> <i>Mrs. Kifah Al-Taqaz</i> <i>Mr. Mohamed Al-Farooq</i> <i>Miss Hajir Ibrahim Abdalla</i> <i>Miss Alaa Hassan Bihi</i> <i>Mr. Mussab Osama Hassan</i> <i>Mrs. Muna Hassan Albelooshi</i></p>
100	<p>Gen. Chem. HS(1426155) coordination committee-Fall <i>Chair: Dr. Mahreen Arooj</i> <i>Members: Dr. Ayssar Nahlé, Dr. Montaha Almasri</i></p>
101	<p>Org. Chem. HS(1426217) coordination committee-Fall <i>Chair: Prof Raed Al-Qawasmeh</i> <i>Members: Dr. Samar Damiati</i></p>
102	<p>Gen. Chem. (1) (MS) coordination committee-Fall <i>Chair: Dr. Mohamed El-Naggar</i> <i>Members: Prof. Ideisan, Prof Raed AL-Qawasmeh</i></p>
	<p>General Chemistry (1) coordination committee-Fall Chair: Dr. Tanveer ul Haq Member: Dr. Abdelaziz Elgamouz and Dr. Kamrul Hassan</p>
103	<p>Chemistry Senior Project Coordination Committee <i>Chair: Dr. Samar Damiati</i> <i>Member: Prof. Abdelnasser Kawde, Dr. Ahmed Elmehdi, Dr. Mahreen Arooj, Dr. Tanveer Ul Haq</i></p>
104	<p>General Chemistry (1) coordination committee-Spring <i>Chair: Dr. Kamrul Hasan</i> <i>Member: Prof. Ideisan Abu-Abdoun, Dr. Mohamed Elnaggar, Dr. Montaha Almasri and ...</i></p>

105	<p>General Chemistry (1) Lab coordination committee-</p> <p><i>Chair: Dr. Mahreen Arooj-Fall</i></p> <p><i>Chair: Mrs. Azeera Abdul Rahim- Spring</i></p> <p><i>Members: Faculty members</i></p>
106	<p>General Chemistry lab for HS coordination committee-</p> <p><i>Chair: Dr. Kmarul Hasan -Fall</i></p> <p><i>Member: Mr. Ibrahim, Mrs. Mona, Mrs. Azeera, Prof. Ihsan, Dr. Samar, and Dr. Montaha</i></p>
	<p>General Chemistry lab for HS coordination committee- Spring</p> <p>Chair: Dr. Tanveer ul Haq</p> <p>Member: Dr. Samar, Mrs. Mona, Mr. Ibrahim, Mrs. Ineas, and Mrs. Dania</p>
107	<p>Gen. Chem. (HS) Lab coordination Committee-Spring</p> <p><i>Chair: Dr. Mahreen</i></p> <p><i>Member: Dr. Samar Damiati</i></p>
108	<p>Gen. Chem. (HS) coordination Committee-Spring</p> <p><i>Chair: Dr. Mahreen Arooj,</i></p> <p><i>Members:, Dr. Samar Damiati</i></p>
109	<p>Gen. Chem. (1) (MS) coordination Committee-Spring</p> <p><i>Chair: Dr. Mohamed Elnaggar</i></p> <p><i>Members: Dr Mohamed Nafie and Prof Ideissan Abu Abdoun</i></p>
110	<p>Gen. Chem. (2) (MS) coordination Committee-Spring</p> <p><i>Chair: Dr. Ahmed Almehdi</i></p> <p><i>Members: Dr. Waseem Hindawie , Dr. Samar Damiati</i></p>
111	<p>Gen. Chem (MS) Lab coordination Committee-Spring</p> <p><i>Chair: Mrs. Mona Kanj</i></p> <p><i>Members: Mrs. Azeera Abdul Rahim</i></p>
112	<p>Chemistry Senior Project Coordination Committee - Spring</p> <p><i>Chair: Samar Damiati</i></p> <p><i>Member: Prof. Abdelnasser Kawde, Prof. Raed Al-Qawasmeh, Dr. Ahmed Elmehdi, Dr. Mohamed El Nagggar, Dr. Abdelaziz Elgamou, Dr. Kamrul Hasan, Dr. Tanveer Ul Haq, Dr. Mohamed Nafie</i></p>
113	<p>Postgraduate Research Project Coordination - Spring</p> <p><i>Chair: Dr. Kamrul Hasan</i></p> <p><i>Members: Abdelaziz Elgamouz</i></p>
	<p>Gen. Chem (1) Lab coordination Committee-Summer</p> <p><i>Chair: Prof. Monther Khanfar</i></p> <p><i>Members: Prof. Ihsan Shehadi</i></p>

	<p>General Chemistry lab for HS coordination committee-Summer Chair: Dr. Tanveer ul Haq</p> <p>Member: Dr. Ayssar Nahle</p>
114	<p>Ad hoc committee- Spring 2023-24 <i>High School Lab. Workshop- Hands on Experience 29th Feb. 2024</i> <i>Chair: Mrs. Mona Kanj</i> <i>Members: Mr. Ibrahim Abdelrahman, Mrs. Neimat Dak Bab, All Lab. Officers</i></p>
115	<p>Anal. Chem. (HS) coordination Committee-Fall, <i>Chair: Dr. Ayssar Nahlé</i></p>
116	<p>Anal. Chem. (HS) coordination Committee-Spring, <i>Chair: Dr. Ayssar Nahlé</i></p>
117	<p>Ad-hoc Committee for Biochemistry Courses <i>Chair: Dr. Samar Damiati, members: Dr. Ahmed Almehdi</i></p>
118	<p>Ad-hoc Committee to Select an ASSISTANT PROFESSOR IN Biochemistry <i>Members:</i> Dr. Samar Damiati</p>
119	<p>Ad-hoc Committee for Utilizing Scantron in Exams <i>Members:</i> Dr. Samar Damiati</p>
120	<p>Ad-hoc Committee for propose the First UOS Conference in Chemistry <i>Members:</i> Dr. Samar Damiati, Dr. Tanveer ul Haq</p>
	<p>Ad-hoc Committee to select chemistry Instructor</p> <p>Chair: Dr. Abdelaziz</p> <p>Member: Dr. Tanveer ul Haq</p>
121	<p>Ad-hoc Committee for Biochemistry Courses Dr. Samar Damiati (Chair) Dr. Ahmed Almehdi (Member) Dr. Mahreen Arooj (Member)</p>
122	<p>Ad-hoc Committee for Inorganic Courses Dr. Abdelaziz Elgamouz(Chair) Dr. Kamrul Hasan (Member) Dr. Mahreen Arooj (Member) Prof. Monther khanfar</p>
	<p>Ad-hoc Committee for Physical Courses (Chair) Dr. Tanveer ul Haq(Member)</p>
123	<p>Ad-hoc Committee to Select a Lecturer in Physical/Inorganic Chemistry <i>Chair: Dr. Tanvir Ul-Haq</i> <i>Members: Dr. Kamrul Hasan, Dr. Mahreen Arooj</i></p>

	Ad-hoc Committee for Developing a Diploma in Food Chemistry and Quality Assurance Member: Dr. Tanveer ul Haq
124	Ad-hoc Committee for preparing Remedial Chemistry MOOCs Chair:Dr. Kamrul Hasan Members: Prof. Abdelnasser Kawde Dr. Abdelaziz Elgamouz Mrs. Mona Kanj Mrs. Azeera AbdulRahim
125	Dr. Mohamed S. Nafie Member of Ad-hoc committee of [First announcement] Ad-hoc Committee for Lecturer of Analytical/Organic Chemistry”
126	Dr. Mohamed S. Nafie Member of Ad-hoc committee of [Second announcement] Ad-hoc Committee for “Lecturer in Analytical/Organic Chemistry”,
127	Member of Ad-hoc committee of Formation of an Ad-hoc Committee to Select an Assistant professor, Organic chemistry Chair: Dr Mohamed Elnaggar Members: Dr. Mohamed S. Nafie, and Dr. Abdelaziz
128	Dr. Mohamed S. Nafie Member of Ad-hoc committee of Re: Ad-hoc Committee for Organic Chemistry Courses
129	Dr. Mohamed S. Nafie Member of Ad-hoc committee of Ad-hoc Committee for propose the First UOS Conference in Chemistry
130	Dr. Mohamed S. Nafie Member of Ad-hoc committee of 1st meeting PhD program
131	Dr. Mohamed S. Nafie Member of Ad-hoc committee of Developing a Diploma in Food Chemistry and Quality Assurance
132	Dr. Mohamed S. Nafie Member of Ad-hoc committee of Review committee for the final exams Several meetings per request
133	Dr. Mohamed S. Nafie Member of Ad-hoc committee of Meeting of the "Ad-hoc Committee to consider ways to help failing students to graduate”

Faculty and Professional Staff

2. Faculty and Professional Staff

List of Full-Time Faculty Members:

ID	Name	Rank	Department	Specialization	Comments
101902	Abdelnasser Metwally Kawde (Chairman)	Full	Chemistry	Analytical	Joined Jan. 17, 2021
10041	Ideisan Abu Abdoun	Full	Chemistry	Organic	Joined June 6, 1998
10877	Ihsan Shehadi	Full	Chemistry	Physical	Joined Sep. 1, 2009
101723	Raed Abdallah AL Qawasmeh	Full	Chemistry	Organic	Joined January 18, 2019
101879	Monther Khanfar	Full	Chemistry	Inorganic	Joined Sep.6, 2020
10078	Ayssar Nahlé	Associate	Chemistry	Analytical	Joined Sept. 5, 1998
10010	Ahmed Almehti	Associate	Chemistry	Biochemistry	Joined Sep. 1, 2012
10978	Mohammed El Naggar	Associate	Chemistry	Organic	Joined Sep. 1, 2011
101314	Abdelaziz Elgamouz	Assistant	Chemistry	Bioanalytical	Joined Sep. 1, 2015
101313	Kamrul Hasan	Associate	Chemistry	Organometallic	Joined Sep. 1, 2015
101670	Mahreen Arooj	Associate	Chemistry	Physical	Joined Sep, 1 2018
101958	Samar Damiaty	Associate	Chemistry	Biochemistry	Joined Jan. 10, 2022
102055	Tanveer Ul Haq	Assistant	Chemistry	Materials	Joined Aug 29, 2022
102136	Montaha Almasri	Assistant	Chemistry	Analytical	Joined Aug 27, 2023
102156	Mohamed Nafie	Assistant	Chemistry	Organic	Joined August 28, 2023
10236	Ibrahim Abdel- Rahman	Lecturer	Chemistry	Physical	Joined Sep. 1, 2000
10217	Mona Kanj	lecturer	Chemistry	Physical	Joined Sept. 1, 1999
101114	Azeera Abdul Rahim	Lecturer	Chemistry	Bio- Organic	Joined Sept. 1, 2013

List of Part-Time Faculty Members:

Name	Rank	Department	Specialization	Comments
Ines BOUAZIZ	Lecturer	Chemistry	Analytical	Joined Spring, 2024
Dania Altaher	Lecturer	Chemistry	General Chemistry	Joined Spring, 2024

Teaching Load

Faculty name	Rank*	Full-Time or Part-Time	Fall		Spring	
			Contact Hours**	Credit Hours**	Contact Hours	Credit Hours
Abdelnasser Kawde (Chairman)	Professor	Full-Time	6	6	6	6
Ihsan Shehadi (Vice dean)	Professor	Full -Time	6	6	6	6
Ideisan Abu Abdoun	Professor	Full -Time	12	12	12	12
Raed Abdallah AL Qawasmeh	Professor	Full -Time	12	12	12	12
Monther Khanfar	Professor	Full -Time	15	14.5	12	10.5
Ayssar Nahlé	Associate Professor	Full -Time	12	12	12	12
Ahmed Almehdi (Release 6 credit hours)	Associate Professor	Full -Time	9	9	9	9
Mohammed El Naggar	Associate Professor	Full -Time	12	12	12	12
Kamrul Hasan	Associate Professor	Full -Time	12	12	12	12
Abdelaziz Elgamouz	Asso. Professor	Full -Time	12	12	12	12
Mahreen Arooj	Assistant Professor	Full -Time	12	12	12	12
Samar Damiati	Associate Professor	Full -Time	12	12	12	12
Tanveer Ul Haq	Assistant Professor	Full Time	9	15	12	13.5
Mohamed Nafie	Assistant Professor	Full Time	9	9	12	12
Montaha Almasri	Assistant Professor	Full Time	9	9	12	12
Ibrahim Abdul Rahman	Lecturer	Full-Time	27	13.5	24	12
Mona Kanj	lecturer	Full-Time	27	13.5	24	12

Azeera Abdul Rahim	Lecturer	Full -Time	27	13.5	24	12
Ines BOUAZIZ	Lecturer	Part-Time	Joined Spring 2024		20	10
Dania Altaher	Lecturer		Joined Spring 2024		20	10

*Rank: Professor, Associate Professor, Assistant Professor, Lecturer

** For most courses: contact hours = credit hours.

For courses of type LAB or LEB (lecture and lab):

Credit hours = course credit hours published in university catalogue,

Contact hours = actual time the instructor spends in contact with students.

Example: Physics Lab, credit hours = 1, contact hours = 3.

List of Professional Staff

ID	Name	Department	Job Title
20052	Mrs. Nemat Dek Al-Bab	Chemistry	Team leader – Chemistry Labs Unit
20087	Mr. Mohamad AlFarouk Fuaad	Chemistry	Senior Lab Officer
20329	Mrs. Kifah Abdullah Al-taqaz	Chemistry	Senior Lab Officer
20921	Ms. Reem Al-Teneiji	Chemistry	Lab Officer
201673	Ms. Hajar Ibrahim Abdalla	Chemistry	Senior Lab Officer
201901	Mr. Ali Alsamarrai	Chemistry	Lab Technician
202540	Mr. Amin Hasan	Chemistry	Lab Officer
202689	Ms Alaa Bihi	Chemistry	Lab Officer
202884	Mr. Mussab Osama	Chemistry	Lab Officer
201435	Mrs. Muna Hassan AlBelooshi	Chemistry	Administrative assistant

Graduated Students

#	Name	ID#	Degree	Senior Project Title
Fall 2023/2024				

7.	Fatmah Salem Rashed Saeed Alyammahi	U14220223	BSc	Participation of sorbitol in glycation of blood proteins and the effect of Taurine in unglycation
8.	Maitha Saeed Alrashdi	U19101654	BSc	Microfluidics Applications
Spring 2023/2024				
2.	Maryam Saeed Rashed Alhefeti	U20104614	BSc	Study the Effects of Nitrite and Cyanide on Oxidation of Hemoglobin (Fe ²⁺) to Methemoglobin (Fe ³⁺) and the Countereffects of some Natural Antioxidants
3.	Anwar Mabruk Al Talha	U19103666	BSc	Investigating the Wound Healing Properties of Various Natural Products on Cancer Cells
4.	Tasneem Muhannad Asmi	U20104859	BSc	Design and synthesis of Fe ₃ O ₄ based amidoxime supported Pd nanoparticles for the cross-coupling reactions
5.	Mona Ibrahim Zainal Hussein Ahli	U19103370	BSc	Concurrent Detection of Heavy Metals and Pharmaceuticals in Wastewater Utilizing a Bismuth-Zeolite Doped Carbon Paste Electrode
6.	Noor Hafed	U20103415	BSc	Synthesis and spectroscopic identification of new thiocoumarin compounds
7.	Tasneem Muhannad Al Asemi	U20104859	BSc	Design and synthesis of Fe ₃ O ₄ based amidoxime supported Pd nanoparticles for the Suzuki coupling reactions
8.	Design and synthesis of some novel Oxoquinoxaline derivatives as EGFR inhibitors against cancer	U20102629	BSc	Design and synthesis of some novel Oxoquinoxaline derivatives as EGFR inhibitors against cancer
9.	Abdullah Alkamali	U18200029	BSc	Novel Exfoliated Graphite Pencil Electrode for Glucose Sensing
10	Ghufran Ali Mahd Abed		BSc	Synthesis and characterization of new thiazole derivatives with potential anticancer activity
11			BSc	

12	Saadiyah Liakhat Ali	U20104359	BSc	Fe-Based Ru Replacement Anode: Advancing Green Hydrogen Production from Seawater
13	Maryam Saeed Rashed Alhefeiti	U20104614	BSc	Study the effects of nitrite and cyanide on oxidation of Hemoglobin (Fe ²⁺) to Methemoglobin (Fe ³⁺) and the countereffects of some natural antioxidants
14				
Master of Science in Chemistry- Fall 2023/2024				
1.	None			
Master of Science in Chemistry- Spring 2023/2024				
2.	Buthaina Abdulwahab Ahmed Al Mashrea	U21102130	MSc thesis	Detection of Contaminants in Water Samples using Microfluidic
3.	Aisha Altunaji	U20105733	MSc Thesis	Detection of synthetic cannabinoid receptor agonists using 1-dodecanethiol – stabilized gold nanocluster
4.	Sondos Nizar	u19103583	MSc Thesis	"Development and Characterization of a Clay-Graphite-CeO ₂ Composite Electrode for Heavy Metals Sensing and Wastewater Filtration Applications."
5.	Aysha Malalla Alshehhi	u21105439	MSc project	Temperature effect of Triazole tagged pyridine compounds as a corrosion inhibitor on Mild Steel in 1.0 M HCl solution
6.	Sumaya Abdulkarim Nur	u21102132	MSc project	Analysis of synthetic cannabinoids in urine by Liquid chromatography – tandem Mass Spectrometry

Internship Statistics

	Summer 23/24	Fall 23/24	Spring 23/24	Total
# Training Sites	11	0	0	11
# Trainee Students (non- UAE National)	7	0	0	7

# Trainee Students (National in UAE)	4	0	0	4
# Trainee Students (Training abroad)	1	0	0	1

Internship Sites

No.	Site Name	Place	# Male Students	# Female Students	Total
1.	Dubai Municipality	Dubai	0	1	1
2.	Sharjah University Hospital	Sharjah	1	0	1
3.	Sharjah City Municipality	Sharjah	2	0	2
4.	International center for Forensic Sciences	Poland	0	1	1
5.	Sharjah Academy for Astronomy, Space Sciences and Technology	Sharjah	0	1	1
6.	Fujairah municipality	Fujairah	0	2	2
7.	Ajman municipality	Ajman	0	1	1
8.	University Labs	Sharjah	0	2	2

Student Advising

No.	Faculty Name	Rank*	# Students	
			Fall	Spring
1.	Abdel-Nasser Kawde (Chairman)	Professor	5	5
2.	Ihsan Shehadi	Professor	5	5
3.	Ideisan Abu Abdoun	Professor	5	4
4.	Raed Abdallah AL Qawasmeh	Professor	5	5
5.	Monther Khanfar	Professor	5	5
6.	Ayssar Nahlé	Associate Professor	5	5
7.	Ahmed Almehdi	Associate Professor	5	5

8.	Mohammed El Naggar	Associate Professor	4	4
9.	Kamrul Hasan	Associate Professor	5	5
10.	Abdelaziz Elgamouz	Associate Professor	5	5
11.	Mahreen Arooj	Associate Professor	6	5
12.	Samar Damiati	Associate Professor	5	5
13.	Tanveer Ul Haq	Assistant Professor	5	4
14.	Mohamed Nafie	Assistant Professor	0	5
15.	Montaha Almasri	Assistant Professor	0	3
Total			65	70
			Total	135

*Rank: Full Professor, Associate Professor, Assistant Professor, Lecturer

Public Disclosure and Integrity/

Agreements and Memorandum of Understanding

Agreement Type*	Singed By**	Signed With	Scope***	Description
Memorandum of Understanding	University of Sharjah	Universiti Kebangsaan Malaysia (UKM)	Malaysia	The University of Sharjah has an active MOU with the Universiti Kebangsaan. Many departments within both Universities are trying to benefit from this MOU, the department of Chemistry is one of those.

* Agreement Type: Memorandum of Understanding, Research Agreement, Library Agreement, Training Agreement ...etc.

** Signed By: Department Name

*** Scope: National (Emirate Name), International (Country Name)



UNIVERSITY OF SHARJAH

DEPARTMENT OF CHEMISTRY

ANNUAL REPORT

(Sample)

(Please use same sections' order)

2023-2024

3. The Education Program

Curriculum Development

No.	Course/Program	Development*	Description
B.Sc. Courses			
	Revision of the self-study of the BSc. In chemistry and mapping all course learning outcomes of the BSc with the new 9 set of program learning outcomes, this is documented in the Taskstream of syllabi owned by each faculty. And alignment of the program learning outcomes with NQF Emirates These are given in the self-study.		
13-	BSc in Chemistry	4	Upon the successful completion of the BSc in chemistry program, students should be able to: <ol style="list-style-type: none"> 1. Apply knowledge of mathematics and core sciences in Chemistry. 2. Analyze and interpret data in Chemistry areas. 3. Solve technical as well as scientific problems in Chemistry. 4. Use of modern laboratory equipment and techniques to conduct experiments related to Chemistry. 5. Formulate a scientific process in Chemistry to meet the desired needs. 6. Determine professional and ethical responsibility related to Chemistry. 7. Analyze the impact of Chemical solutions in a global and societal context. 8. Work individually and in a team to develop effective workplace relationships. 9. Communicate effectively verbally and in writing.
14-	Instrumental Analysis (1420322) (Abdelaziz Elgamouz)	4	The course learning outcomes were reduced to 4 outcomes as follow: <ol style="list-style-type: none"> 1. List various techniques and instruments for chemical analysis. 2. Describe the design of various instruments of chemical analysis techniques. 3. Explain the principles and theories of various instrumental chemical analysis techniques. 4. Apply mathematical calculations related to instrumental chemical analysis data. In addition, that these were mapped with new program learning outcomes mentioned above.
15-	Remedial Chemistry Course	4	I have recorded lectures and developed comprehensive presentations for the remedial chemistry course. (Module 1,4 and chapter 12

	Mrs. Mona Kanj		from module 5). These recorded lectures and presentations serve as supplementary materials that reinforce key concepts, clarify challenging topics, and empower students to take control of their learning journey.
16-	Identification of Organic Compounds (1420 311) Mohamed El-Naggar	4	Course Learning Outcomes were updated to By the end of successful completion of this course, the student will be able to: 1. Understand and evaluate laboratory procedures, including health and safety 2. Interpret data from mass (MS), Fourier Transform Infrared (FTIR), Ultraviolet (UV-Vis), and Nuclear Magnetic resonance (NMR) spectroscopies. 3. Elucidate the structure of simple organic compounds 4. Experiment simple organic reactions for functional groups identification
17-	Analytical Chemistry (1420221) Dr. Montaha Almasri	4	Course Learning Outcomes were updated to By the end of successful completion of this course, the student will be able to: 1. Statistically handle experimental data and deal with error treatment. 2. Perform quantitative analysis using gravimetric and volumetric approaches. 3. Identify components and basic principles of electrochemical cells. 4. Apply the concepts of chemical equilibrium quantitatively And prepared the lecture slides from scratch, to ensure that the lecture content and slides match the objectives of the course and the quality of teaching at the University of Sharjah, taking into account the same textbook that was previously approved and used as a reference.
18-	Analytical Chemistry Lab (1420222) Dr. Montaha Almasri	4	Course Learning Outcomes were updated to By the end of successful completion of this course, the student will be able to: 1. Work professionally in the lab considering health and safety rules. 2. Perform quantitative analysis using gravimetric and volumetric techniques. 3. Identify the components of the electrochemical Cell. Compile a concise laboratory report with a professional format and statistical analysis.

19-	Electrochemistry (1420420) Dr. Montaha Almasri		I revised the syllabi, including student presentations as course assessments and improved interaction.
20-	Physical Chemistry 2 1420 341 Ihsan Shehadi	4	Updated the course to include case studies with real life experience Syllabus revised
21-	Advanced Physical Chemistry 1420 341 Ihsan Shehadi	4	Critiques are implemented to Takle recent advanced in physical chemistry Syllabus revised
22-	Research Methodlogy 1420 590 Ihsan Shehadi	4	Retrosynthesis approach was introduced as part of implementing AI/ML in the course Syllabus was revised and updated in term assessments
11	Certificate in Forensic Sciences Ihsan Sh1ehadi	1	Multidisciplinary certificate program is developed between 3 colleges (COS, COL,COH)
12	Remedial Chemistry Course (1420100) Dr. Kamrul Hasan	4	The MOOCs of Remedial chemistry course along with Instructional Effectiveness Specialist, out of 5 module, I have prepared module 1, 2 and 5.
13	Inorganic Chemistry-2 Dr. Kamrul Hasan	4	The course catalog description of Inorganic Chemistry-2 has been updated
14	Advanced organometallic Chemistry (1420536)	4	The course catalog description and CLOs of Advanced organometallic Chemistry has been updated
15	Remedial Chemistry Course (1420100) Azeera Abdul Rahim	4	Contributed to the development of MOOC for Remedial Chemistry course. My responsibility involves creating presentations and conducting video recordings covering the topics in Module 2, 3, and one chapter from Module 5.
16	Organic Chemistry for HS Lab (1426217) Azeera Abdul Rahim	4	Syllabus was revised. Incorporated practical applications into topics and aligned them with UOS competencies. One of the experiments was modified.

	Advanced Spectroscopy course Dr. Mahreen Arooj	4	Prepared new presentations of all the topics for the Advanced Spectroscopy course
	Physical Chemistry (1) course Dr. Mahreen Arooj	4	Updated slides of the Physical Chemistry (1) course to include uses of software and databases.
	Computer Applications in Chemistry course Dr. Mahreen Arooj	4	Updated slides of the Computer Applications in Chemistry course to include Molecular dynamics simulations
	General Chemistry for HS course Dr. Mahreen Arooj	4	10 new online assignments of the General Chemistry for HS course have been created to align with the course content and to improve student learning experiences.
	Quantum Chemistry 1420442-Spring 2023-2024 Dr. Tanveer ul Haq	4	The quantum chemistry course has been Updated. Slides for the 9 chapters have been prepared. Each chapter includes examples from advanced spectroscopy, such as Tauc Plot using UV/VIS, Microwave Spectroscopy, IR Spectroscopy, and Vibrational Spectroscopy. These examples are designed to help students independently learn critical concepts through self-learning and problem-solving methods.
	Physical Chemistry (2) lab Fall 2023-2024 - Dr Tanveer ul Haq	4	The slides for the Physical Chemistry (2) lab have been updated, including new slides for some experiments. Additional examples related to various Physical Chemistry (2) lab topics have been incorporated to enable students to independently grasp critical concepts through self-learning and problem-solving methods.
	Physical Chemistry (1) lab Spring 2023-2024 - Dr Tanveer ul Haq	4	The slides for the Physical Chemistry (1) lab have been updated, including new slides for DSC experiments
	General Chemistry 1420101course Fall 2023-2024 Dr. Tanveer ul Haq	4	10 new online assignments have been created for the General Chemistry 1 Course to align with the course content and enhance student learning and critical thinking.

	General Chemistry 1420101 Fall 2023-2024 Dr. Tanveer ul Haq	4	Developed comprehensive pool-based quizzes for the GC 1 1420101 course to enhance student assessment. The quiz includes a diverse set of questions to evaluate various learning outcomes.
<u>M.Sc. Courses</u>			
1-	Special Topics in Analytical Chemistry	4	Removing quizzes from assessment, adding application, UOS competencies, updating textbook and comparing the topics with other syllabi analytical chemistry courses. Implementing changes requested by the VCEIA such as tuning the course learning outcomes using the Bloom taxonomy.
2-	1420515_Advanced_Organic_Chemistry	4	Removing quizzes from assessment, adding application, UOS competencies, updating textbook and comparing the topics with other syllabi organic chemistry courses. Implementing changes requested by the VCEIA such as tuning the course learning outcomes using the Bloom taxonomy.
3-	1420525_Advanced_Analytical_Chemistry	4	Removing quizzes from assessment, adding application, UOS competencies, updating textbook and comparing the topics with other syllabi analytical chemistry courses. Implementing changes requested by the VCEIA such as tuning the course learning outcomes using the Bloom taxonomy.
4-	1420535-Advanced_Inorganic_Chemistry	4	Removing quizzes from assessment, adding application, UOS competencies, updating textbook and comparing the topics with other syllabi inorganic chemistry courses. Implementing changes requested by the VCEIA such as tuning the course learning outcomes using the Bloom taxonomy.
5-	1420545-Advanced_Physical_Chemistry	4	Removing quizzes from assessment, adding application, UOS competencies, updating textbook and comparing the topics with other syllabi physical chemistry courses. Implementing changes requested by the VCEIA such as tuning the course learning outcomes using the Bloom taxonomy.
6-	1420590-Research_methodology	4	Removing quizzes from assessment, adding application, UOS competencies, updating textbook. Implementing changes requested by

			the VCEIA such as tuning the course learning outcomes using the Bloom taxonomy.
7-	1420591-Research_Project	4	Removing quizzes from assessment, adding application, UOS competencies, updating textbook. Implementing changes requested by the VCEIA such as tuning the course learning outcomes using the Bloom taxonomy.
8-	1420595- Research-Thesis-MSc-Chemistry	4	Removing quizzes from assessment, adding application, UOS competencies, updating textbook. Implementing changes requested by the VCEIA such as tuning the course learning outcomes using the Bloom taxonomy.
9-	1420516-Heterocyclic_Chemistry	4	Removing quizzes from assessment, adding application, UOS competencies, updating textbook and comparing the topics with other syllabi organic chemistry courses. Implementing changes requested by the VCEIA such as tuning the course learning outcomes using the Bloom taxonomy.
10-	1420517-Special_Topics in Organic Chemistry	4	Removing quizzes from assessment, adding application, UOS competencies, updating textbook and comparing the topics with other syllabi organic chemistry courses. Implementing changes requested by the VCEIA such as tuning the course learning outcomes using the Bloom taxonomy.
11-	1420519-Physical Organic Chemistry	4	Removing quizzes from assessment, adding application, UOS competencies, updating textbook and comparing the topics with other syllabi organic chemistry courses. Implementing changes requested by the VCEIA such as tuning the course learning outcomes using the Bloom taxonomy.
12-	1420527_Electrochemistry_Techniques	4	Removing quizzes from assessment, adding application, UOS competencies, updating textbook and comparing the topics with other syllabi analytical chemistry courses. Implementing changes requested by the VCEIA such as tuning the course learning outcomes using the Bloom taxonomy.
13-	1420536-Advanced Organometallics	4	Removing quizzes from assessment, adding application, UOS competencies, updating textbook and comparing the topics with other syllabi inorganic chemistry courses. Implementing changes requested by the VCEIA such as tuning the course learning outcomes using the Bloom taxonomy.

14-	1420537-Special Topics of Inorganic Chemistry	4	Removing quizzes from assessment, adding application, UOS competencies, updating textbook and comparing the topics with other syllabi inorganic chemistry courses. Implementing changes requested by the VCEIA such as tuning the course learning outcomes using the Bloom taxonomy.
15-	1420538-Physical Methods Inorganic Chemistry	4	Removing quizzes from assessment, adding application, UOS competencies, updating textbook and comparing the topics with other syllabi inorganic chemistry courses. Implementing changes requested by the VCEIA such as tuning the course learning outcomes using the Bloom taxonomy.
16-	1420546-Special Topics in physical Chemistry	4	Removing quizzes from assessment, adding application, UOS competencies, updating textbook and comparing the topics with other syllabi physical chemistry courses. Implementing changes requested by the VCEIA such as tuning the course learning outcomes using the Bloom taxonomy.
17-	1420547-Advanced Spectroscopy	4	Removing quizzes from assessment, adding application, UOS competencies, updating textbook. Implementing changes requested by the VCEIA such as tuning the course learning outcomes using the Bloom taxonomy.
18-	1420550-Special Topics in Applied Chemistry	4	Removing quizzes from assessment, adding application, UOS competencies, updating textbook. Implementing changes requested by the VCEIA such as tuning the course learning outcomes using the Bloom taxonomy.
19-	1420556-Advacned_Material_Science	4	Removing quizzes from assessment, adding application, UOS competencies, updating textbook. Implementing changes requested by the VCEIA such as tuning the course learning outcomes using the Bloom taxonomy.

Mapping of the course learning outcomes with the program Learning outcomes of the BSC in chemistry

Course#	Course Title	Changes since last Accreditation											
College requirements (15 credit hours)		A	B	C	D	E	F	G	H	I	J	K	L

Course#	Course Title	Changes since last Accreditation												
		A	B	C	D	E	F	G	H	I	J	K	L	
1501116	Programming (1)		X											X
1430110	Physics (1) for science													X
1430116	Physics (1) Lab													X
1420101	General Chemistry (1)			X	X	X								X
1420102	General Chemistry (1) Lab							X	X					X
Program compulsory courses (50 credit hours)		A	B	C	D	E	F	G	H	I	J	K	L	
1420103	General Chemistry (2)			X	X	X		X	X					X
1420104	General Chemistry (2) Lab							X	X					X
1420211	Organic Chemistry (1)								X					X
1420212	Organic Chemistry (1) Lab								X					X
1420217	Organic Chemistry (2)								X					X
1420218	Organic Chemistry (2) Lab								X					X
1420221	Analytical Chemistry			X	X	X			X					X
1420222	Analytical Chemistry Lab				X			X	X					X
1420241	Physical Chemistry (1)								X					X
1420242	Physical Chemistry (1) Lab								X					X
1420311	Identification of Organic Compounds					X			X					X
1420322	Instrumental Analysis			X	X				X					X
1420323	Instrumental Analysis Lab				X	X		X	X					X
1420331	Inorganic Chemistry (1)								X					X
1420332	Inorganic Chemistry (2)								X					X
1420333	Inorganic Chemistry Lab								X					X
1420341	Physical Chemistry (2)								X					X
1420342	Physical Chemistry (2) Lab								X					X

Course#	Course Title	Changes since last Accreditation											
University Requirements													
0204102	UAE Society											X	X
0302200	Fundamental of Innovation & Entrepreneurship											X	X
1502233	Artificial Intelligence											X	X

*Development:

- 1- Program Update: changes in the structure of an offered program
- 2- Course Update: change in course name, pre-requisites, credit hours, ..etc.
- 3- New Course
- 4- Content Development
- 5- Others (specify)

Teaching & Learning

Methods for teaching and learning (new methods and enhancements on current methods):

[Examples: Team-based learning, Problem based learning, group studies, case studies, projects, ...etc]

These will reflect what is actually done in classrooms and documented in the course files.

1.	(Abdelaziz Elgamouz) In the Instrumental Analysis course (1420322), a flipped classroom approach was employed. Students were asked to prepare for the classes in advance and explain various components of the instruments, such as dynodes, quadrupole, CCD cameras, diode arrays, Faraday cups, and microarrays.
2.	(Tanveer ul haq) The research-based teaching methodology was applied to Quantum Chemistry courses. Students are trained to use research articles to solve problems. Research assignments and presentations are given to relate quantum chemistry concepts to daily life. Various energy and environment-related topics, such as Quantum Nanodots, Investigating Quantum Mechanical Effects in Confined Systems: Clusters, Nanoparticles, and Confined Environments, and Quantum Chemical Studies of Nanomaterials: Synthesis, Properties, and Applications, were assigned to students with up-to-date literature so they could understand how chemistry is part of our everyday practices. Each week, graduate students were assigned different research-based questions and asked to read relevant research articles to find solutions developed by researchers.
3.	(Montaha Anjass Almasri) Oral presentations were implemented in the Electrochemistry course to steer the course towards a research orientation. To that purpose, students chose a research article and prepared a presentation addressing the major concepts covered in the course.
4.	(Monther Khanfar) Implementation of report on specific topic related to the course in Homogeneous Catalysis. Furthermore, oral presentation if also implemented as an extra assessment tool.

5.	(Abdelaziz Elgamouz) Instrumental Analysis Lab (1420323), Introducing a new experiment, Exp-11: Development of a Graphite-Based Sensor for Vitamin C Quantification in Fruit Juice.
6. 7.	(Abdelaziz Elgamouz) Examples of case studies used in Environmental toxicology: "Regulations for chromium emissions to the aquatic environment in Europe and elsewhere" -To engage students in a discussion about Cr(VI) xenobiotic toxicity, two interactive and participatory methods were used as follows: -Introduction and Background: We begin the session with a brief overview of Cr(VI) xenobiotic toxicity, explaining its sources, properties, and potential health impacts. Later, I have provided relevant background information to set the stage for the discussion. -Students were later divided to small group discussions; each group was assigned a set of discussion questions related to the case study. Students were encouraged to share their opinions, brainstorm ideas, and analyze the information collaboratively.
1	Mohamed S. Nafie In Teaching organic chemistry courses, I used to add many exercises, problems from different text-books to make students more confident in solving questions in the exam. This helped both medical students in the foundation year, and the health science students. I used physical 3D models for illustration geometrical structures to understand the reaction mechanism properly and with the help of JOVE.

Faculty Analysis

Faculty Development

*Development Event: Training, Workshop, Seminars ...etc.

** Development Area: Teaching & Learning, Assessment ...etc.

Awards and Prizes Faculty

No.	Prize Name	Awarded To	Awarded By
2.	Department Award at the end of the Academic year	Mrs. Mona Kanj	College of Sciences Dean and the Department of Chemistry Chair
3.	Sharjah Islamic Bank Award for Scientific Research- Academic Year 2023-2024 Faculty Category	Dr. Tanveer ul Haq	University of Sharjah
4.	Sharjah Islamic Bank Award Rawan Salih, Khalid Bajou, Baraah Shaker, Abdelaziz Elgamouz, Students Category	Dr. Abdelaziz Elgamouz	University of Sharjah
1	Top Cited Article 2022-2023 (Second time)	Dr. Mohamed S. Nafie	WILEY

Certificates (only examples are given here details are submitted on a quarterly basis to the college of sciences)

No.	Certificate Name	Awarded To	Awarded By
1.	Guest speaker in the annual master's Seminar in Environmental Science and Engineering Literature course	Abdelaziz Elgamouz	MSc coordinator
2.	workshop: Student advising at UOS: Stats and Facts	Abdelaziz Elgamouz	Registration department
3.	Grade your students in Blackboard Course إضافة درجات الطلبة في بلاكبود	Abdelaziz Elgamouz	Registration department
4.	Promoting Academic Integrity at UOS: Effective Strategies for Addressing Students' Misconduct	Abdelaziz Elgamouz	The Institute of Leadership in Higher Education
5.	Patents and Technology Transfer" by Dr. Mohamed Al Hemairy, Head of Technology Transfer Section.	Abdelaziz Elgamouz	Technology Transfer Section
6.	the Third Gulf Chemists Symposium organized by the Emirati Chemical society on the 25th of May 2024.	Abdelaziz Elgamouz	Emarati chemical society
7.	the 1st International Symposium for Sustainable Waste Management & Resource Recovery	Abdelaziz Elgamouz	Organizing committee
8.	UAE Innovation Month	Abdelaziz Elgamouz	Prof Hamid Al Naimy, the Chancellor of the UOS
9.	The 6th International Multiconference on Advances in Science and Engineering Technology (ASET 2024)	Abdelaziz Elgamouz	Organizing committee
10.	Attending 1st International Symposium for Sustainable Waste Management & Resource Recovery	Abdelaziz Elgamouz	Organizing committee
11.	Session Chair at the 1st Sharjah International Conference on Mathematical Science	Abdelaziz Elgamouz	Organizing committee
12.	3D Printing Workshop: Hands-On-Training"	Dr. Ayssar Nahlé	Dean, College of Sciences
13.	UOS 14 th Annual Open Day	Dr. Ayssar Nahlé	Chai, Department of Chemistry
14.	Session Chair, 14 th Arabic Conference of the Arab Union for Astronomy and Space Sciences	Dr. Ayssar Nahlé	Dr. Hussein Elmehdi

15.	UOS Open Day Activities	Dr. Ayssar Nahlé	Dr. Nadia Farhat
16.	UOS 13 th Annual OPen Day	Dr. Ayssar Nahlé	Dean, College of Sciences
17.	Workshop on: “Quotation and Scientific Plagiarism”	Dr. Ayssar Nahlé	Dean, College of Graduate Studies
18.	The 10 th Chemistry Festival	Mr. Ibrahim Abdel-Rahman	Chairman, Department of Chemistry
19.	The Chemistry Workshop: Hands-on Experience for High School Students	Mr. Ibrahim Abdel-Rahman	Chairman, Department of Chemistry
20.	Workshop: “الإقتباس/الإنتحال العلمي”	Mr. Ibrahim Abdel-Rahman	Dean, College of Graduate Studies
21.	Safety Data Sheets	Mr. Ibrahim Abdel-Rahman	Central Laboratories Directorate
22.	Laboratory Chemical Waste Management (RCRA)	Mr. Ibrahim Abdel-Rahman	Central Laboratories Directorate
23.	Certificate of Reviewing	Mr. Ibrahim Abdel-Rahman	The Editors of Arabian Journal of Chemistry
24.	Certificate of Reviewing	Mr. Ibrahim Abdel-Rahman	The Editors of Molecular Liquids
25.	Certificate of Reviewing	Mr. Ibrahim Abdel-Rahman	The Editors of Surfaces and Interfaces
26.	Certificate of Reviewing	Mr. Ibrahim Abdel-Rahman	The Editors of Corrosion Science
27.	UOS Open Day Activities	Mr. Ibrahim Abdel-Rahman	Marketing and Student Recruitment Department, Dr. Nadia Farhat
28.	3D Printing Workshop: Hands-On-Training"	Dr. Samar Damiati	College of Sciences
29.	الدراسات العليا بجامعة الشارقة: التعليمات التنفيذية واللوائح مرحلة الماجستير	Dr. Samar Damiati	college of Graduate Studies
30.	Session Chair, 14 th Arabic Conference of the Arab Union for Astronomy and Space Sciences	Dr. Samar Damiati	Dr. Hussein Elmehdi
31.	UOS Open Day Activities	Dr. Samar Damiati	Dr. Nadia Farhat
32.	UOS 14 th Annual Open Day	Dr. Samar Damiati	Dean, College of Sciences
33.	Faculty AI Tools: Magic School AI	Dr. Samar Damiati	Institute of Leadership In Higher Education
34.	Effective Strategies for Engaging Large Classroom Audiences	Dr. Samar Damiati	Institute of Leadership In Higher Education

35.	Cloud IDEs: Transforming Tech Education	Dr. Samar Damiati	VP of Education MEA, Wiley
36.	Post-Award: Research Funding Opportunities - Grants and Guidelines	Dr. Samar Damiati	Research Funding Department
37.	Certificate of Recognition 2nd Oct., 2023, Women in Research Forum, Youth Engagement committee member- coordinator and Judge for the senior projects.	Mrs. Mona Kanj	University Chancellor and the Vice Chancellor for Research
38.	"UOS Science Open Days" event, January 30th and 31st.	Mrs. Mona Kanj	Chair, Department of Chemistry
39.	On 10th Feb. 2024, organized and attended the College of Sciences Alumni gathering: AC2: Alumni Catalyst of Change.	Mrs. Mona Kanj	Dean, College of Sciences
40.	Organized "High School Chemistry Workshop"- 29th Feb. 2024-took place in the chemistry laboratories. The high school workshop provided a comprehensive hands-on experience for students.	Mrs. Mona Kanj	Chair, Department of Chemistry
41.	3D Printing Workshop: Hands-On-Training"	Dr. Montaha Almasri	Dean, College of Sciences
42.	10 th Chemistry Festival	Dr. Montaha Almasri	Dean, College of Sciences
43.	UOS 14 th Annual Open Day	Dr. Montaha Almasri	Dean, College of Sciences
44.	Workshop "UOS ALEKS Chem Course Set Up"	Dr. Montaha Almasri	ALEKS team
45.	Workshop "Faculty Peer Observation of Teaching"	Dr. Montaha Almasri	Institute of Leadership In Higher Education
46.	Workshop "Grade your students in Blackboard Course"	Dr. Montaha Almasri	Institute of Leadership In Higher Education
47.	Workshop " Students advising at UOS: Stats and Facts"	Dr. Montaha Almasri	Institute of Leadership In Higher Education
48.	Workshop "Pre-Award: Research Funding Opportunities -Grants and Guidelines"	Dr. Montaha Almasri	Research and Graduate studies
49.	Workshop "Using InfoEd SPIN to Locate External Funding Opportunities"	Dr. Montaha Almasri	Research and Graduate studies
50.	Workshop "Research at UOS: Opportunities, Grants and Expectations"	Dr. Montaha Almasri	Research and Graduate studies
51.	Workshop "Unlocking Potential: A Workshop on Effective Mentoring, Coaching, and Feedback for Graduate Students."	Dr. Montaha Almasri	Institute of Leadership In Higher Education

52.	Workshop "Promoting Academic Integrity at UOS: Effective Strategies for Addressing Students' Misconduct"	Dr. Montaha Almasri	Institute of Leadership In Higher Education
53.	Workshop "Promoting Academic Integrity at UOS: Effective Strategies for Addressing Students' Misconduct"	Dr. Montaha Almasri	Institute of Leadership In Higher Education
54.	Training " Fire Safety"	Dr. Montaha Almasri	UOS Central Laboratories Directorate
55.	Training "Central Labs Safety Orientation"	Dr. Montaha Almasri	UOS Central Laboratories Directorate
56.	Training "Electrical Safety / NFPA 70E in Research and Education"	Dr. Montaha Almasri	UOS Central Laboratories Directorate
57.	Training "Eye Wash and Safety Shower Awareness (Microlearning)"	Dr. Montaha Almasri	UOS Central Laboratories Directorate
58.	Training "Laboratory Chemical Waste Management (RCRA)"	Dr. Montaha Almasri	UOS Central Laboratories Directorate
59.	Training "Laboratory Safety"	Dr. Montaha Almasri	UOS Central Laboratories Directorate
60.	Training "Compresses Gas Safety"	Dr. Montaha Almasri	UOS Central Laboratories Directorate
61.	Training "Emergency Response"	Dr. Montaha Almasri	UOS Central Laboratories Directorate
62.	Training "Cryogenic Safety"	Dr. Montaha Almasri	UOS Central Laboratories Directorate
63.	Training "Small Spill Response"	Dr. Montaha Almasri	UOS Central Laboratories Directorate
64.	Training "Organic Peroxide Awareness"	Dr. Montaha Almasri	UOS Central Laboratories Directorate
65.	Training "Safety Data Sheet"	Dr. Montaha Almasri	UOS Central Laboratories Directorate
66.	Training "Formaldehyde Safety in Research and Education"	Dr. Montaha Almasri	UOS Central Laboratories Directorate
67.	Training "Laboratory Safety-Chemical Hazards"	Dr. Montaha Almasri	UOS Central Laboratories Directorate
68.	Training "Chemical Storage in laboratories and Research Facilities."	Dr. Montaha Almasri	UOS Central Laboratories Directorate
69.	Students advising at UOS: Stats and Facts	Dr. Kamrul Hasan	Institute of Leadership In Higher Education
70.	AI Technologies in creating content	Dr. Kamrul Hasan	Institute of Leadership In Higher Education

71.	ChatGPT for Researchers: Tools and Techniques	Dr. Kamrul Hasan	Institute of Leadership In Higher Education
72.	Academic advising and student Attendance system	Dr. Kamrul Hasan	Registration department, UOS
73.	Undergraduate Bylaws and Registration Policies	Dr. Kamrul Hasan	Registration department, UOS
74.	Faculty Peer observation of Teaching	Dr. Kamrul Hasan	Institute of Leadership In Higher Education
75.	Faculty AI Tools: Magic School AI	Dr. Kamrul Hasan	Institute of Leadership In Higher Education
76.	Reflection and Diversities: Essential Pedagogical	Dr. Kamrul Hasan	Institute of Leadership In Higher Education
77.	14 th UOS Open day	Dr. Kamrul Hasan	Chair of the department of Chemistry
78.	COP28-UAE United Nations Climate Change conference	Dr. Kamrul Hasan	UOS
79.	Undergraduate Bylaws & Registration Policies	Mrs. Azeera Abdul Rahim	Registration Department, UOS
80.	14 th Annual UOS Open day	Mrs. Azeera Abdul Rahim	Chair, Department of Chemistry
81.	UOS Open Day Activities	Mrs. Azeera Abdul Rahim	Marketing and Student Recruitment Department, Dr. Nadia Farhat
82.	Electrical Safety _ NFPA 70E in Research and Education, a Safety Lab Training	Mrs. Azeera Abdul Rahim	UOS Central Laboratories Directorate
83.	Laboratory Safety - Chemical Hazard, a Safety Lab Training	Mrs. Azeera Abdul Rahim	UOS Central Laboratories Directorate
84.	Emergency Response', a Safety Lab Training	Mrs. Azeera Abdul Rahim	UOS Central Laboratories Directorate
85.	LABORATORY CHEMICAL WASTEMANAGEMENT (RCRA), a Safety Lab Training	Mrs. Azeera Abdul Rahim	UOS Central Laboratories Directorate
86.	'Safety Data Sheet', a Safety Lab Training	Mrs. Azeera Abdul Rahim	UOS Central Laboratories Directorate
87.	Laboratory safety', a Safety Lab Training	Mrs. Azeera Abdul Rahim	UOS Central Laboratories Directorate

88.	Fire safety', a Safety Lab Training	Mrs. Azeera Abdul Rahim	UOS Central Laboratories Directorate
89.	'Academic Advising and Student Attendance Systems'	Mrs. Azeera Abdul Rahim	Registration Department, UOS
90.	Attendance in the first day of 4 th Forum for Women in Research " QUWA – Sustaining Women’s Empowerment in Research & Innovation”	Mrs. Azeera Abdul Rahim	Office of the Vice Chancellor for Research and Graduate Studies
91.	AI Technologies in Creating Content	Mrs. Azeera Abdul Rahim	Director, Institute of Leadership in Higher Education
92.	Brown Bag: Faculty Mentoring Program	Mrs. Azeera Abdul Rahim	Director, Institute of Leadership in Higher Education
93.	ChatGPT for Researchers: Tools and Techniques	Mrs. Azeera Abdul Rahim	Director, Institute of Leadership in Higher Education
94.	Exam Rules, Regulations, and Academic Integrity	Mrs. Azeera Abdul Rahim	Director, Institute of Leadership in Higher Education
95.	Faculty Peer Observation of Teaching	Mrs. Azeera Abdul Rahim	Director, Institute of Leadership in Higher Education
96.	Strengthening Students’ Learning Using Feedback and Feedforward	Mrs. Azeera Abdul Rahim	Director, Institute of Leadership in Higher Education
97.	Laboratory Safety - Chemical Hazards, a Safety Lab Training	Mrs. Azeera Abdul Rahim	UOS Central Laboratories Directorate
98.	The 10 th Chemistry Festival	Mrs. Azeera Abdul Rahim	Chair, Department of Chemistry
99.	"Fire Safety" lab. training	Dr. Mahreen Arooj	UOS Central Laboratories Directorate
100.	"Safety Data Sheets" lab. training	Dr. Mahreen Arooj	UOS Central Laboratories Directorate
101.	Workshop for “Teaching with Technology: Enhancing Classroom Experience”	Dr. Mahreen Arooj	Institute of Leadership In Higher Education
102.	Workshop for "Academic Advising System and Student Attendance System(English)”	Dr. Mahreen Arooj	Registration department, UOS
103.	Workshop on " "Undergraduate Bylaws and Registration Policies (English)”	Dr. Mahreen Arooj	Registration department, UOS
104.	Workshop” Faculty Peer Observation of Teaching”	Dr. Mahreen Arooj	Institute of Leadership In Higher Education
105.	Workshop for “Brown Bag: Faculty Mentoring Program”	Dr. Mahreen Arooj	Institute of Leadership In Higher Education

106.	"Laboratory Safety"	Dr. Mahreen Arooj	UOS Central Laboratories Directorate
107.	"Emergency Response" lab. training	Dr. Mahreen Arooj	UOS Central Laboratories Directorate
108.	Workshop on " Reflection and diversity: Essential pedagogical ingredients to enhance students' thoughtful learning and transferable skills"	Dr. Mahreen Arooj	Institute of Leadership In Higher Education
109.	"Unlocking Potential: A Workshop on Effective Mentoring, Coaching, and Feedback for Graduate Students."	Dr. Mahreen Arooj	Institute of Leadership In Higher Education
110.	"Laboratory Chemical Waste Management (RCRA)"	Dr. Mahreen Arooj	UOS Central Laboratories Directorate
111.	"Electrical Safety / NFPA 70E in Research and Education"	Dr. Mahreen Arooj	UOS Central Laboratories Directorate
112.	ChatGPT for Researchers: Tools and Techniques	Dr. Mahreen Arooj	Director, Institute of Leadership in Higher Education
113.	Workshop" Research at UOS: Opportunities, Grants and Expectations"	Dr. Mahreen Arooj	Research Outreach Department
114.	Workshop" Research at UOS: Opportunities, Grants and Expectations"	Dr. Tanveer ul Haq	Research Outreach Department
115.	Workshop "Academic Advising System and Student Attendance System	Dr. Tanveer ul Haq	Registration Department
116.	Workshop "Faculty Peer Observation of Teaching"	Dr. Tanveer ul Haq	Director, Institute of Leadership in Higher Education
117.	Workshop "UOS ALEKS Chem Course Set Up"	Dr. Tanveer ul Haq	ALEKS Team
118.	Workshop "Student Advising at UoS: Stats & Facts"	Dr. Tanveer ul Haq	Director, Institute of Leadership in Higher Education
119.	DRIVER SAFETY"	Dr. Tanveer ul Haq	UOS Central Laboratories Directorate
120.	OFFICE ERGONOMICS	Dr. Tanveer ul Haq	UOS Central Laboratories Directorate
121.	OFFICE SAFETY	Dr. Tanveer ul Haq	UOS Central Laboratories Directorate

122.	RESPIRATORY PROTECTION	Dr. Tanveer ul Haq	UOS Central Laboratories Directorate
123.	Workshop “Teaching with Technology: Enhancing Classroom Experience	Dr. Tanveer ul Haq	Director, Institute of Leadership in Higher Education
124.	Workshop “Unlocking Potential: A Workshop on Effective Mentoring, Coaching, and Feedback for Graduate Students	Dr. Tanveer ul Haq	College of Graduate Studies
125.	Presented research activities as a guest speaker in the annual Master’s Seminar in Environmental Science and Engineering	Dr. Tanveer ul Haq	Environmental Science and Engineering
126.	Workshop “Pre-award Research funding Opportunities, grants, and guidelines”	Dr. Tanveer ul Haq	Research and Graduate studies
127.	Jury Member for the Sustainable Women Empowerment in Research and Innovation	Dr. Tanveer ul Haq	Research and Graduate studies
128.	UOS 14th Annual Open Day	Dr. Tanveer ul Haq	Department of Chemistry
129.	10 th chemistry Festival	Dr. Tanveer ul Haq	Department of Chemistry
130.	Scopus from Elsevier	Dr. Tanveer ul Haq	UoS Library
131.	Undergraduate Bylaws & Registration Policies	Dr. Tanveer ul Haq	Registration department, UOS
132.	College of Sciences Alumni gathering: AC2: Alumni Catalyst of Change.	Dr. Tanveer ul Haq	College of Science
133.	3D Printing Workshop: Hands-On-Training"	Prof. Monther Khanfar	Dean, College of Sciences
134.	Session Chair, 14 th Arabic Conference of the Arab Union for Astronomy and Space Sciences	Prof. Monther Khanfar	Dr. Hussein Elmehdi
135.	Workshop on: “Quotation and Scientific Plagiarism”	Prof. Monther Khanfar	Dean, College of Graduate Studies
136.	The 10 th Chemistry Festival	Prof. Monther Khanfar	Chairman, Department of Chemistry

137.	'Academic Advising and Student Attendance Systems'	Prof. Monther Khanfar	Registration Department, UOS
138.	Undergraduate Bylaws & Registration Policies	Prof. Monther Khanfar	Registration department, UOS
139.	OFFICE SAFETY	Prof. Monther Khanfar	UOS Central Laboratories Directorate
140.	Workshop on " Reflection and diversity: Essential pedagogical ingredients to enhance students' thoughtful learning and transferable skills"	Prof. Monther Khanfar	Institute of Leadership In Higher Education
	Workshop "Pre-award Research funding Opportunities, grants, and guidelines"	Prof. Raed Al-Qawasmeh	Research and Graduate studies
	10 th chemistry Festival	Prof. Raed Al-Qawasmeh	Department of Chemistry
	College of Sciences Alumni gathering: AC2: Alumni Catalyst of Change.	Prof. Raed Al-Qawasmeh	College of Science
	Session Chair, 14 th Arabic Conference of the Arab Union for Astronomy and Space Sciences	Prof. Raed Al-Qawasmeh	Dr. Hussein Elmehdi
	'Academic Advising and Student Attendance Systems'	Prof. Raed Al-Qawasmeh	Registration Department, UOS
	Workshop "Unlocking Potential: A Workshop on Effective Mentoring, Coaching, and Feedback for Graduate Students	Prof. Raed Al-Qawasmeh	College of Graduate Studies
	Undergraduate Bylaws & Registration Policies	Prof. Raed Al-Qawasmeh	Registration department, UOS
	Undergraduate Bylaws & Registration Policies	Prof. Raed Al-Qawasmeh	Registration department, UOS
	Workshop" Research at UOS: Opportunities, Grants and Expectations"	Prof. Raed Al-Qawasmeh	Research Outreach Department
	Utilizing Artificial Intelligence in Research and Academic Writing	Dr. Mohamed S. Nafie	Medical Education Center
	Plagiarism الاقتباس والانتحال العلمي	Dr. Mohamed S. Nafie	Research and Graduate studies
	Patents and Technology transfer	Dr. Mohamed S. Nafie	Research and Graduate studies

	Your guide to Scopus Journals	Dr. Mohamed S. Nafie	Research and Graduate studies
	Effective use of Diploma software in multi-section chemistry courses exam preparations	Dr. Mohamed S. Nafie	Chemistry department
	DEMO: Students' Attendance Tracking System عرض: نظام متابعة حضور الطلبة –	Dr. Mohamed S. Nafie	Registration office, UOS
	Unlocking Potential: A Workshop on Effective Mentoring, Coaching, and Feedback for Graduate Students	Dr. Mohamed S. Nafie	Institute of Leadership In Higher Education
	Electrochemically Driven Deuteration of Organic Compounds	Dr. Mohamed S. Nafie	[WILEY]
	Sample preparation for Electron Microscopy (EM)	Dr. Mohamed S. Nafie	[WILEY]
	Student Advising at UoS: Stats & Facts	Dr. Mohamed S. Nafie	Registration office, UOS
	"Undergraduate Bylaws and Registration Policies (English)"	Dr. Mohamed S. Nafie	Registration office, UOS
	"Hands-on Experience for High School Students in the Chemistry Laboratories"	Dr. Mohamed S. Nafie	Chemistry department
	UOS 14th Annual Open Day on 30th and 31st of January 2024	Dr. Mohamed S. Nafie	Chemistry department

Efforts to Enhance Academic Advising:

(Abdelaziz Elgamouz)

- 4 advising sessions per semester to discuss the following with advisees: Ongoing studies, GPA, training, and Future studies.
- Students were advised to do more work and approach the module instructor if she need extra help.

- The students facing difficulty with new vocabulary as they took chemistry in High school in Arabic Language, the students were advised that Language is never been a barrier it is something additional that could be used to understand more not less, students were advised to focus more on vocabulary and practice more.
- The projected study plan for spring semester was discussed with students, first year students were advised to register most importantly chemistry 2 which is the opening key for chemistry courses, also calculus 2 to be prepared for analytical chemistry in term three.

Dr. Kamrul hasan:

- 4 advising sessions per semester to discuss the following with advisees: Progress of the current semesters, encouraging for study and future semester plan

Dr. Tanveer ul Haq

- During the Fall semester, five advising sessions were conducted with advisees to discuss midterm grades, enrollment plans, academic goals, expectations, and enrolled courses. Similarly, in the Spring semester, four sessions were held to cover the same topics, ensuring that students received consistent guidance and support throughout the academic year.

Prof. Monther Khanfar

The advisor meets with advisee four times per semester. During the sessions the academic performance and study plans are discussed with the students. In addition, some sessions were performed to discuss course registration and encouragement to the students to achieve better results.

Prof. Raed Al-Qawasmeh

All students need were followed up with extensive F-F meeting and problem solving

5.6 Student Extra-Curricular Activities

No.	Activity Name	Type*	Scope**	Date	Beneficiaries
2.	Undergraduate Poster Exhibition Day	Exhibition	Local	April 25, 2024	UoS Students & Faculty
3.	High School Chemistry Workshop-Hands on Experience in Chemistry Labs.	Workshop	local	29th Feb. 2024	High School Stds., Chem. Stds. & Faculty
4.	College of Sciences Alumni gathering: AC2: Alumni Catalyst of Change.	Discussion and Gathering	Local	10th Feb. 2024	UoS Students and Alumni
5.	The 10 th Chemistry Festival	Festival	Local	9 th October 2023	UoS Students & Faculty
6.	Postgraduate exhibition day	Exhibition	Local	April 23, 2024	College of Sciences Graduate Students
7.	UOS Scientific Open Days Participation	Exhibition	Local	30-31 January 2024	High School Stds.,
8.	The Seventh Annual Student Clubs and Scientific Societies Exhibition	Exhibition	Local	21st Feb. 2024	Chemistry Students
9.	American Chemical Society MENA Conference at New York University Abu Dhabi (NYUAD)Theme: "Chemistry for Future Sustainable Societies"	Conference	Local	4th Feb. 2024	Chemistry Students
10.	UAE Innovation Month. Presentation of 1 st place winning project in the Sharjah Chamber Award for Innovators:	competition	Local	14 February 2024	UOS students

	MarsSustainaCell.				
11.	Event: Design for Future Higher Education Competition, Winning 3rd Place in Emerging Educational Technologies	competition	National	25th Ap. 2024	UAE students

* Types: Clubs & Societies, Volunteer, Social & Athletic, Arts & Exhibitions, Contests, Other

** Scope: Local (University Level), National, International

5.7 Student Awards

No.	Prize Name	Awarded To	Awarded By
1.	UAE Innovates award from the Chancellor of University of Sharjah for the contribution to innovation with the project- MarsSustainaCell.	Saadiyah Liakhat Ali (BSc Chemistry Student)	Prof. Humaid al Nuaimy, Chancellor of the University of Sharjah
2.	Sharjah Chamber Award for Innovators Competition 2024 for the project - MarsSustainaCell.	Saadiyah Liakhat Ali (BSc Chemistry Student)	Sharjah Chamber Award for Innovators
3.	Design for Future Higher Education Competition 2024 for the project- Blockchain Credentialing for Education under the theme 'Emerging Educational technologies'.	Saadiyah Liakhat Ali (BSc Chemistry Student)	Sharjah Islamic bank
4.	FANR Student Hackathon 2023 for the project - Nuclear Technology for Mars Mission	Saadiyah Liakhat Ali from the Department of Chemistry, Nabeel Muhammad Jasim from the Department of Applied Physics and Astronomy	Federal Authority for Nuclear Regulation

4. Research and Scholarly Activities

Publications

Publication Category	Number of Publications
Published Books	1
Journal Papers	82
Book Chapters	
Conference Papers	4
Technical Reports & Manuals	
Artistic and Creative Works*	
Total	

* For College of Fine Arts and Design

List of Publications

No.	Publication Name	Category*
1.	El-kordy, A., Nizar, S., Tijani, N. Kawde, A., Laoui, T., Elgamouz, A., comparative study of treated clay and synthesized Fe/ZSM-5 zeolite for application in the electrochemical reduction of chromium(VI) as an environmental sensor. J Solid State Electrochem (2024). https://doi.org/10.1007/s10008-024-05877-8	Journal
2.	Sondos Sadek, Abderrazek El-Kordy, Abdelrahman KA Khalil, Tahar Laoui, Abdel-Nasser Kawde, Abdelaziz Elgamouz, Exploring Ce ³⁺ adsorption on clay minerals to propel the frontier of heavy metal sensing with clay-CeO ₂ modified carbon paste electrode, J Appl Electrochem (2024). https://doi.org/10.1007/s10800-024-02125-9 .	Journal
3.	Abdelrahman K.A. Khalil, Abdelaziz Elgamouz, Saad Nazirc, Muataz Ali Atieha, Hussain Alawadhi, Tahar Laoui, Preparation and characterization of clay based ceramic porous membranes and their use for the removal of lead ions from synthetic wastewater with an insight into the removal mechanism, Heliyon, 10(2024)e24939, https://doi.org/10.1016/j.heliyon.2024.e24939	Journal
4.	Abderrazek El-Kordy, Abdelaziz Elgamouz, Ayman Abdelhamid, Abdel-Nasser Kawde, Najib Tijani, Manufacturing of novel zeolite-clay composite membrane from natural clay and diatomite, an electrochemical study of the surface and application towards heavy metals removal, Journal of Environmental Chemical Engineering, Volume 12, Issue 2, April 2024, 112143, https://doi.org/10.1016/j.jece.2024.112143	Journal
5.	Rawan Salih, Khalid Bajou, Baraah Shaker, Abdelaziz Elgamouz, Antitumor effect of algae silver nanoparticles on human triple negative breast cancer cells, Biomedicine & Pharmacotherapy, Volume 168, 2023, 115532, https://doi.org/10.1016/j.biopha.2023.115532 .	Journal
6.	Sondos Nizar, Abderrazek El-Kordy, Abdelaziz Elgamouz, Abdelnasser Kawde, Tahar Laoui, Development and characterization of a clay-graphite-CeO ₂ composite electrode for simultaneous detection of heavy metals, Journal of Physics: Conference Series, 2751 012023, DOI 10.1088/1742-6596/2751/1/012023 .	Journal

7.	A AbdelHamid, H Boukhatem, A Elgamouz, K Bajou, A Study on Plasminogen-Ag Nanoparticles Interaction and its Application in Sensor Development, 2751 012031, DOI 10.1088/1742-6596/2751/1/012031 .	Journal
8.	“Comparative forensic discrimination of pink lipsticks using fourier transform infra-red and Raman spectroscopy”Rowdha Abdulla Alblooshi, Rashed Humaid Alremeithi, Abdulrahman Hussain Aljannahi, Ayssar Nahlé*. <i>Vibrational Spectroscopy</i> , <u>130</u> (2024), 103640.DOI: https://doi.org/10.1016/j.vibspec.2023.103640	Journal
9.	“A Comparative LCMS Analysis of Jordanian Olive Stone, Fruits, Leaves, and Oils”Nawal H. Bahtiti*, Faten M. Abu Orabi, Mohammed H. Kailani, Ibrahim Abdel-Rahman, Ayssar Nahlé, Zahra O. Alfaouri, Hind H. Al Abdallat. <i>WSEAS TRANSACTIONS on ENVIRONMENT and DEVELOPMENT</i> , 19, (2023), 903-916.DOI: 10.37394/232015.2023.19.86	Journal
10.	“The Effect of Addition 0.1 % by Weight Sodium Iodide on Activation Energy of Polyethylene Oxide Films”Husam Miqdad*, Ibrahim Abdel-Rahman, Ayssar Nahlé. <i>Journal of Xi'an Shiyou University, Natural Science Edition</i> , 19(5), (2023), 1293-1298.DOI: https://www.xisdjxsu.asia/V19I05-105.pdf	Journal
11.	“Corrosion inhibition of SS 316L by Organic Compounds: Experimental, Molecular Dynamics, and Conceptualization of Molecules–Surface Bonding in H ₂ SO ₄ Solution”Mustapha Alahiane*, Rachid Oukhrib, Youssef Ait Albrimi, Hicham Abou Oualid, Rachid Idouhli, Ayssar Nahlé, Avni Berisha, Nizar Z. Azzallou, Mohamed Hamdani. <i>Applied Surface Science</i> , <u>612</u> (2023) 155755. DOI: https://doi.org/10.1016/j.apsusc.2022.155755	Journal
12.	Husam Miqdad, Ayssar Nahlé, Ibrahim Abdel-Rahman “VARIATION OF ELECTRICAL PROPERTIES WITH TEMPERATURE FOR POLYETHYLENE OXIDE DOPED WITH 0.1 WT. % IODINE”, <i>ARPN Journal of Engineering and Applied Sciences</i> , 19(4), May 2024. DOI: 10.59018/022432.	Journal
13.	NAWAL H. BAHTITI1, FATEN M. ABU ORABI, MOHAMMED H. KAILANI, IBRAHIM ABDEL-RAHMAN, AYSSAR NAHLÉ, ZAHRA O. ALFAOURI, “A Comparative LC/MS Analysis of Jordanian Olive Stone, Fruits, Leaves, and Oils”, <i>WSEAS TRANSACTIONS on ENVIRONMENT and DEVELOPMENT</i> , E-ISSN: 2224-3496, 20 th of September (2023), 19 (86), 903-916.DOI: 10.37394/232015.2023.19.86.	Journal
14.	Wafa` Ahmad, Tala Sasa, Nawal H. Bahtiti*, Rula khuzai, Ibrahim Abdel-Rahman, “The Path toward Achieving Good Health and Well-Being (SDG 3) through Quality Education (SDG 4)”, <i>International Journal of Membrane Science and Technology</i> , 2023, 10(3), 111-117.	Journal
15.	Nawal H Bahtiti, Tala Hani Sasa, Wafa` A. Ahmad, Abeer Adaileh, Ibrahim Abdel-Rahman, “Awareness and Attitude of Applied Science Private University-Students Toward Detergents”, <i>WSEAS TRANSACTIONS on ENVIRONMENT and DEVELOPMENT</i> , E-ISSN: 2224-3496, 29 th of June (2023), 19 (62), 636-644. DOI: 10.37394/232015.2023.19.62.	Journal
16.	Husam Miqdad, Ibrahim Abdel-Rahman, Ayssar Nahlé, “The Effect of Addition 0.1 % by Weight Sodium Iodide on Activation Energy of Polyethylene Oxide Films”, <i>Journal of Xi'an Shiyou University, Natural Science Edition</i> , 19(5), May 2023.	Journal
17.	Mohammed A. Hosen; Faizan A. Qais; Samir Chtita; Ibrahim A. Rahman; Ahmed M. Almehdi; Ferdousi Ali; Faisal A. Almalki; Taibi B. Hadda; Hamid Laaroussi; Sarkar M. A. Kawsar, “ <i>In silico</i> and POM analysis for potential	Journal

	antimicrobial agents of thymidine analogs by using molecular docking, molecular dynamics and ADMET profiling”, <i>Nucleosides, Nucleotides & Nucleic Acids</i> , 42(8), 26 May 2023. DOI: 10.1080/15257770.2023.2215839	
18.	R. Rmili, M. Sokovic, M. Ramdani, A.M. Almehti, I. Abdel-Rahman, Ryan Adnan Sheikh, Baraa Hafez, D. Bouknanal and H. Elmsellem, “Study of corrosion inhibition performance of volatile and nonvolatile Curcuma longa L. extracts complemented with antioxidants and antibacterial assays”, <i>Int. J. Corros. Scale Inhib.</i> , 2023, 1(1), 180–204. Doi: 10.17675/2305-6894-2023-12-1-11.	Journal
19.	Damiati S. (2024) Polymers in sensory and lab-on-a-chip devices. In: Vallejos S, Trigo M, Garcia JM. (eds) Sensory Polymers: From their Design to Practical Applications. ELSEVIER. (Publication Date: 01-Aug-24)	Book Chapter
20.	Al-Attar H, Damiati LA, Keshel SH, Tuinea-Bobe C, Damiati S, Saeinasab M and Sefat F (2024) Effect of TGF- β 3 on wound healing of bone cell monolayer in static and hydrodynamic shear stress conditions. <i>Front. Med.</i> 11:1328466.	Journal
21.	AlMashrea BA, Almehti AM and Damiati S. Simple microfluidic devices for in situ detection of water contamination: a state-of-art review. <i>Front. Bioeng. Biotechnol</i> , 2024, 12:1355768.	Journal
22.	Damiati LA, Denetiu I, Bahlas S, Damiati S, Pushparaj PN. Immunoprofiling of cytokines, chemokines, and growth factors in female patients with systemic lupus erythematosus for personalized medicine – A pilot study. <i>BMC Immunology</i> , 2023, 24, 13.	Journal
23.	Synthesis, molecular docking and anticancer potential of azolium based salts and their silver complexes: DNA/BSA interaction studies and cell cycle analysis Rizwan Ashraf, Ayesha Sarfraz, Tugba Taskin-Tok, Muhammad Javid Iqbal, Muhammad Adnan Iqbal, Jamshed Iqbal, Haq Nawaz Bhatti, Mohamed El-Naggar, Sumia Akram, Mohammad N Murshed, Mohamed E El Sayed, Ahmed Samir, <i>Journal of Molecular Liquids</i> 369, 120921	Journal
24.	Assessment of Heavy Metal Contamination and Pollution Indices in Avicennia marina of Nabq Mangrove Forest, the Red Sea, Egypt. AM Younis, DH Elnaggar, M El-Naggar, LI Mohamedein <i>Egyptian Journal of Aquatic Biology & Fisheries</i> 27 (6), 2023	Journal
25.	Design, synthesis and antimicrobial assessments of aminoacetylenic-piperazine nitroimidazole hybrid compounds. AJ Rasras, RA Al-Qawasmeh, M El-Naggar, I Shehadi, MM Elaasser, ... <i>Zeitschrift für Naturforschung C</i> 78 (3-4), 113-121, 2023.	Journal
26.	Investigating the Biosorption Potential of Ulva intestinalis Linnaeus for Efficient Removal of Phenol from Aqueous Solutions. EM Elkady, AM Younis, MH El-Naggar, <i>Egyptian Journal of Aquatic Biology & Fisheries</i> 27 (6) 2023	Journal
27.	Cyclization of Chalcone Derivatives: Design, Synthesis, In Silico Docking Study, and Biological Evaluation of New Quinazolin-2,4-diones Incorporating Five-, Six ... M El-Naggar, HRM Rashdan, AH Abdelmonsef, <i>ACS omega</i> 8 (30), 27216-27230, 2023	Journal

28.	Biosorption of Arsenic (III) and Arsenic (V) from Aqueous Solutions: Equilibrium and Kinetic Studies using Mangrove Leaf Biomass (<i>Avicennia marina</i>). AM Younis, EM Elkady, M El-Naggar Egyptian Journal of Aquatic Biology & Fisheries 27 (6). 2023	Journal
29.	Synthesis, combined theoretical and spectral characterization of some new 1, 3, 5 triazine compounds, and their in vitro biological analysis S Noureen, S Ali, MA Zia, M Afzal, AR Ayub, M El-Naggar Reaction Chemistry & Engineering 8 (2), 465-481, 2023	Journal
30.	Evaluation of Pollution Status and Risk Assessment Along the Al-Shuaibah Coastline, the Red Sea, Saudi Arabia AM Younis, S Hanafy, M Raafa, MH El-Naggar Egyptian Journal of Aquatic Biology and Fisheries 27 (6), 923-945, 2023	Journal
31.	Part-II: an update of Schiff bases synthesis and applications in medicinal chemistry-a patent review (2016-2023) HA Younus, F Saleem, A Hameed, M Al-Rashida, RA Al-Qawasmeh, ... Expert Opinion on Therapeutic Patents 33 (12), 841-864, 2023	Journal
32.	Synthesis, characterization and molecular docking of benz-imidazolium Se-adducts: Antimicrobial and anticancer studies A Hassan, R Ashraf, MA Iqbal, M El-Naggar, SA Tahira, K Hayat Journal of Molecular Structure 1299, 137160, 2024	Journal
33.	The crystal structure of 1-(1-adamantan-1-yl)ethyl-3-(3-methoxyphenyl)thiourea, C₂₀H₂₈N₂OS S Chaouch, M El-Naggar, IA Shehadi, MA Khanfar, RA Al-Qawasmeh Zeitschrift für Kristallographie-New Crystal Structures 239 (3), 581-583, 2024	Journal
34.	Bulbul Ahmed , Kakhkashan Anjum , M. Alfakeer , Md. Shahadat Hossain , Kamrul Hasan , Shahed Rana , Md. Anamul Hoque Exploration of the micellization and complexation nature of ofloxacin drug and surfactants mixture through conductivity and UV-Visible spectroscopic methods: Consequences of the short-chain alcohols and temperature, <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2024, 688, 133608, https://doi.org/10.1016/j.colsurfa.2024.133608	Journal
35.	Aisha Salim Alteneiji, Kamrul Hasan, Ihsan Shehadi and Monther Khanfar The crystal structure of Bis[<i>N</i> -(4-methoxyphenyl)picolinamido]copper(II), (NCRS-2023-0555) has been submitted by Prof. Monther A. Khanfar to Zeitschrift für Kristallographie - New Crystal Structures., 2024 DOI: 10.1515/ncrs-2023-0555	Journal
36.	Md. Shaharul Islam; Shaheen M. Sarkar; Md. Lutfur Rahman; Kamrul Hasan; Emmet J. O'Reilly Development and Applications of Bio-resourced Based Sustainable Heterogeneous Pd-Nanocatalyst for Cross-Coupling and Michael Addition Reactions Journal of Chemical Engineering, 483, 2024, 149271, https://doi.org/10.1016/j.cej.2024.149271	Journal
37.	Kamrul Hasan ^{a*} , Reshma G Joseph ^a , Ihsan A. Shehadi ^a , and Shashikant P. Patole ^b Fe ₃ O ₄ -chitosan immobilized Cu(II) Schiff base catalyst for the microwave-assisted amination of aryl halides in water <i>Arabian Journal of Chemistry</i> , 16, (2023), 105317, https://doi.org/10.1016/j.arabjc.2023.105317	Journal

38.	Kanan, Sofian, Khaled Obeideen, Matthew Moyet, Heba Abed, Danyah Khan, Aysha Shabnam, Yehya El-Sayed, <u>Mahreen Arooj</u> , and Ahmed A. Mohamed. "Recent Advances on Metal Oxide Based Sensors for Environmental Gas Pollutants Detection." <i>Critical Reviews in Analytical Chemistry</i> (2024): 1-34.	Journal
39.	Haq, Tanveer ul, <u>Mahreen Arooj</u> , Aleena Tahir, and Yousef Haik. "SO _x Functionalized NiOOH Nanosheets Embedded in Ni (OH) ₂ Microarray for High-Efficiency Seawater Oxidation." <i>Small</i> 20, no. 18 (2024): 2305694.	Journal
40.	Parambath, Javad BM, Fatima Abla, <u>Mahreen Arooj</u> , and Ahmed A. Mohamed. "Doping matters in carbon nanomaterial efficiency in environmental remediation." <i>Environmental Science and Pollution Research</i> 30, no. 60 (2023): 124921-124933.	Journal
41.	Tanveer ul Haq*, Mourad Samri, Aleena Tahir, Yousef Haik " Stabilizing Oxygen-Deficient Mn Sites Active in Seawater Oxidation" <u>Journal of Material Chemistry A</u> , 2024, DOI: 10.1039/d4ta00894d	Journal
42.	Tanveer ul Haq* Mahreen Arooj, Aleena Tahir, Yousef Haik " SO _x Functionalized Ni-OOH Nanosheets Embedded in Ni(OH) ₂ Microarray for High-Efficiency Seawater Oxidation" <u>Small</u> , 2024, doi.org/10.1002/sml.202305694	Journal
43.	Farhan Arshad, Aleena Tahir, Tanveer ul Haq*, Sana Qayyum, Irshad Hussain, Falak Sher "Advances in selective electrochemical methanol upgrading and energy-saving hydrogen production: Mechanism, progress, and prospects" <u>International Journal of Hydrogen Energy</u> , 2024, doi.org/10.1016/j.ijhydene.2024.03.118	Journal
44.	Farhan Arshad, Aleena Tahir, Tanveer ul Haq, Hatice Duran, Irshad Hussain, Falak Sher "Electronic and Structural Modification of Three-Dimensional Porous NiCo@NF as a Robust Electrocatalyst for CO ₂ Emission-Free Methanol Upgradation to Boost Hydrogen Co-production" <u>ACS Energy and Fuel</u> , 2023, org/10.1021/acs.energyfuels.3c01233	Journal
45.	Tanveer ul Haq* and Yousef Haik "A Road Map towards Sustainable Anode Design for Alkaline Water Electrolysis" <u>Applied Catalysis B: Environmental</u> , 2023, doi.org/10.1016/j.apcatb.2023.122853	Journal
46.	Tanveer ul Haq and Yousef Haik "Electrochemical Water Splitting: Fundamentals, Challenges and Advances" DOI: org/10.1007/978-981-99-9860-9 ; Publisher- <u>Springer Nature</u> ; Hardcover ISBN 978-981-99-9859-3, Softcover ISBN 978-981-99-9862-3; Chapters 10; Number of pages 263	Book
47.	Alteneiji, Aisha Salim; Hasan, Kamrul; Shehadi, Ihsan; Khanfar, Monther A., "The crystal structure of bis[(4-methoxyphenyl)(picolinoyl)amido-κ ² N:N']copper(II), C ₂₆ H ₂₂ CuN ₄ O ₄ " <i>Zeitschrift fur Kristallographie - New Crystal Structures</i> 239 (2024) 359-361	Journal
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53.	Younes, E. A.; Hammad, Y. J.; Salami, F.; Rasras, A. J.; Al-Qawasmeh, R. A. ; Zhao, Y., Electron-donating arene-substituted pentacenedione derivatives: a study of structural, electronic, and electrochemical properties. RSC Adv. 2024, 14 (8), 5331-5339.	Journal
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55.	Alshawabkeh, D. W.; Rasras, A. J.; Abushattal, S.; Al Zubi, M. S.; Shakhofa, M. M.; Younes, E. A.; Al-Qawasmeh, R. A. , "Synthesis and Biological Evaluation of Cholic Acid Tagged Piperazine Derivatives". Curr. Org. Chem. 28 (1), 2024, 65-73.	Journal
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72.	E.S. Tantawy, M.S. Nafie* , H.A. Morsy, H.A. El-Sayed, A.H. Moustafa, S.M. Mohammed, Synthesis of novel bioactive pyrido[2,3- <i>d</i>]pyrimidine derivatives with potent cytotoxicity through apoptosis as PIM-1 kinase inhibitors, RSC Adv. 14 (2024) 11098–11111. https://doi.org/10.1039/D4RA00902A .	Journal
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79.	S. Repp, M. Remmers, A. S. J. Rein, D. Sorsche, D. Gao, M. Anjass, M. Mondeshki, L. M. Carrella, E. Rentschler, C. Streb “Coupled reaction equilibria enable the light-driven formation of metal-functionalized molecular vanadium oxides”, <i>Nat. Commun.</i> 2023, DOI: 10.1038/s41467-023-41257-y	Journal
80.	M. Ghosh*, D. Sorsche, R. B. Ahmed, M. Anjass*, “Stabilizing Decavanadate Cluster as Electrode Material in Sodium and Lithium-ion Batteries”, <i>ChemSusChem</i> , 2023, 16, e202300631. DOI: 10.1002/cssc.202300631	Journal
81.	N. Arya, T. Philipp, S. Greiner, M. Steiner, C. Kranz, M. Anjass*, “Reversible Electrodeposition of Potassium- bridged Molecular Vanadium Oxides: A New Approach Towards Multi-Electron Storage”, <i>Angew. Chem.Int. Ed.</i> 2023, 62, e2023061. DOI: 10.1002/anie.202306170	Journal
82.	Ph. Stehle, D. Rutz, A. M. Bazzoun, Ch. Seidl, I. Bauer, M. Anjass ”Application of Perforated Reference Electrodes in Small Cell Formats for Rate Tests and Electrochemical Impedance Spectroscopy, <i>Energy Technol.</i> 2023, 11, 230027. DOI: 10.1002/ente.202300278	Journal

Funded Research to be updated

No	Project Title	Principal Investigator	Grant Source	Amount (AED)
1.	Effect of novel algae extract capped silver nanoparticles on <i>Enterococcus faecalis</i> biofilm and dental pulp stem cells,	Name of the principal investigator: Dr. Venkatesh Babu, Names of the co-investigator: Abdelaziz Elgamouz,	UOS	40,000
2.	Development of a thermo-sensitive nanomaterial hydrogel for regenerative endodontic treatment, for 27 months, starting from May 1st, 2023.	Principal investigator: Dr. Venkatesh Babu, Names of the co-investigators Abdelaziz Elgamouz;	UOS	119,500
3.	Development of ceramic membranes from local clay materials for water filtration, The University of Sharjah	Dr. Abdelaziz Elgamouz.	UOS	189,000

	Grant, Project Grant V.C.R.G. / R. 447/2022, AED 189,000: 2 years from 1st November 2022.			
4.	Encapsulation of hydroxy Chloroquine into a biodegradable Nanoemulsions, using an edible Argan oil and cyclodextrin for promising treatment (relieve symptoms) of COVID-19 virus infection, 1 year from 1st October 2021.	PI: Dr. Abdelaziz Elgamouz,	UOS	80,000
5.	Natural Lead Optimization of Cucubtacin from <i>Citrullus</i> for the Development of Effective, Specific and Safe Anticancer Use”, University of Sharjah, competitive grant.	Dr. Ahmed Almehti	UoS	200,000
6.	Detection of Contaminants in Water Samples using Microfluidics	Dr. Samar Damiati	College of graduate studies, UoS	15,000
7.	Hemoglobin as molecular thermometers and their potential role in the homeostasis of body temperature of endothermic and exothermic species	Dr. Samar Damiati	UoS	120,000
8.	Design, Synthesis and Cytotoxic Evaluation of Some Novel 1,2,4-Triazole and 1,2,3-Triazole Hybrid Compounds October 1st, 2021 for two years	PI: Dr. Mohamed El-Naggar	UOS	76000
9.	Design Synthesis and cytotoxic evaluation of some novel 1,2,4-Triazole and diazene hybrid derivatives November 1st, 2022, for two years	PI: Dr. Mohamed El-Naggar	UOS	92000
10.	Design, synthesis and anticancer evaluation of novel organic and organometallic compounds based on fluoroquinolone scaffold January 2nd, 2023 for 3 years	Co PI Dr. Mohamed El-Naggar	UOS	189000
11.	Synthesis and characterization of new series of NCN and NNN	PI: Dr. Kamrul Hasan	UOS	79,000.00

	pincer type ruthenium/iridium complexes and their application in catalytic acceptor less alcohol dehydrogenation (AAD); start Sept 2023 for 3 years			
12.	CO ₂ Fixation by Cycloaddition with Epoxides into Cyclic Carbonates Using Magnetically Separable Fe ₃ O ₄ Supported Amine-bis(phenolate) Co(II)/(III) Complexes; start Sept. 20022 for 3 years	PI: Dr. Kamrul Hasan	UOS	79,000.00
13.	Design, synthesis and anticancer evaluation of novel organic and organometallic compounds based on fluoroquinolone scaffold January 2nd, 2023 for 3 years	PI Raed Al-Qawasmeh Co PI Dr. Kmarul Hasan	UOS	189000
14.	Design and synthesis of Fe ₃ O ₄ based amidoxime supported Pd nano for the reduction of nitro compounds	PI; Kamrul hasan	UOS	5,000
15.	Machine Learning Approach to enhance Perovskite solar cell Performance	PI: Mahreen Arooj	UOS	120,000
16.	Green Hydrogen Production from Unpurified Seawater: Electrolysis Over Cost effective, Scalable and Sustainable Electrocatalyst	PI: Dr. Tanveer ul Haq	UoS	120,000
17.	Green Hydrogen Generation from Unpurified Seawater: A Kinetically Favorable Approach, University of Sharjah- Skoltech Project	Co-PI: Dr. Tanveer ul Haq	UoS-Skoltech	135,000
18.	Harnessing Proton Coupled Electron Transfer Chemistry in Redox-Active Transition Metal Oxides for the Production of Green Hydrogen-	Co-PI: Dr. Tanveer ul Haq	SWARD	500,000
19.	Surface Engineering of Self-Supported Electrode for Sustainable HYdrogen Prouction from Seawater	Dr. Tanveer ul Haq	UoS	5000

20.	Design, synthesis, and biological studies of novel thienopyrimidine derivatives as Kinase Inhibitors for selective Therapeutics against Cancer	Dr. Mohamed S. Nafie	UoS (SEED)	40000 AED
21.	Design and synthesis of some novel Oxoquinoxaline derivatives as EGFR inhibitors against cancer.	Dr. Mohamed S. Nafie	Student research fund	5000 AED
22.	Harnessing Proton Coupled Electron Transfer Chemistry in Redox-Active Transition Metal Oxides for the Production of Green Hydrogen-	PI: Dr. Montaha Anjass Almasri		500,000 AED
				2,352,500

- In the academic year 2023-24, total xx competitive, x targeted and x seed grant and x research group applications have been submitted from the faculty members of Chemistry Department.

Membership in Research Entities

No.	Group Title	Group Members	Start Date	Coordinator
25.	Pure and Applied Chemistry Research Group	Raed Al-Qawasmeh, Abdelnasser Kawde, Ihsan Shehadi, Ahmed Almehdi, Mohamed Elnaggar, Kamrul Hassan, Abdelaziz Elgamouz	2021	Prof. Monther Khanfar
26.	Desalination Research Group	Tahar Laoui; Khalil Abdelrazek Khalil Abdelmawgoud; Chaouki Ghenai; Abdelaziz Elgamouz; Muhammad Tawalbeh; Bassam Abdullah Ayed Khuwaileh ; Ines Bouaziz	2019	Muataz .Prof Ali
27.	"Environment and Cancer Research" Group	Waseem Riad El-Huneid; Wael Abdel-Rahman Hassan; Yasser Khalil Bustanji; Ayssar Nahle; MoezAllIslam Ezzat Faris; Maha Mohamed Saber; Lara Bou Malhab	2015	Eman Farouk Mahmoud Abu-Gharbieh
3	Environmental Chemical Biology Research Group	Ali Alkabawi, Ismail Sadoon, Ihsan Shehadi, Ahmed Almehdi, Sameh Solaiman, Kareem Mosa	2020	Ahmed .Dr Almehdi
	Organometallics- Center for Advanced Materials Research (CAMR)	Nouar Tabet, Raed Al Qawasmeh, Mohamed Ali Abdulkareem, Mahreen Arooj, Tanveer Ul Haq, Montaha Anjass Almasri		Prof. Nouar Tabet
	Bioinformatics and Functional Genomics Research Group	Dr. Mohamed S. Nafie	2024	Dr. Hassen Hadj Kacem

Research Events/Activities

No.	Event Name	Type*	Scope**	Date	Beneficiaries
14.	EMBL Symposium: AI and biology. Damiati S, Al Mashrea BA, Hamadeh S, Alrashdi M, Damiati SA. Combining microfluidic technology and artificial intelligence to generate monodisperse O/W emulsions.	Symposium	International (Heidelberg, Germany)	March 12-15, 2024	EMBL Symposium
15.	Kamrul Hasan, <u>Fe₃O₄@SiO₂ supported Co(III) amine-bis(phenolate) complex as highly efficient recyclable catalyst for the CO₂ fixation to cyclic carbonates at mild conditions.</u> presented as a slide show movie for a diagonal screen presentation at (<i>The Conference of the Parties COP 28</i>) United Nations Climate Change Conference taking place in Dubai, United Arab Emirates	Conference	International	Nov. 30-Dec. 12, 2023	UN countries
16.	Kamrul Hasan, Magnetic Fe ₃ O ₄ nanomaterial supported heterogeneous catalysts for various green Synthesis at International Conference of Frontier in Materials Science and Engineering (FMSC), Feb 13-15, 2024 American University of Sharjah (oral presentation)	Conference	International	Feb 13-15, 2024	AUS, UAE
17.	Mahreen Arooj "Applications of AI in Drugs and Materials" "The UAE Codes Day" University of Sharjah	Workshop	Local	30 th October, 2023	UAE
	Tanveer ul Haq Catalyst Design for Energy Production	Seminar	Local	March 13, 2024	UoS-UAE

	Master's Seminar in Environmental Science and Engineering				
1.	Montaha Anjass Almasri "Hybrid Organic-Inorganic Composite Electrode for High-Performance Post-Lithium Battery" International Conference of Frontier in Materials Science and Engineering (FMSC), Feb 13-15, 2024 American University of Sharjah (oral presentation)	Conference	Local	Feb 13-15, 2024	UAE

*Event Types: Symposium, Seminar, Conference, Workshop, Exhibition, Other

** Scope: Local (University Level), National, International

Research Seminars within the department of Chemistry

No.	Speaker	Affiliation	Title	Date
1	Prof. Aman Russom	Royal Institute of Technology Stockholm, Sweden	Microfluidics based point-of-care diagnostics. Organized by: Dr. Samar Damiati	29.02.2024
2.	Dr. Montaha Anjass	Department of Chemistry	Advance Functional and nanostructured materials for sustainable energy technologies	20.09.2023
3.	Prof. Abeer Al-Bawbab	Uni of Jordan	Design and synthesis of new materials/nanomaterials for water treatment and health applications.	25.09.2023
4.	Prof. Abdelnasser Kawde	Department of Chemistry	A Workshop on Chemistry Programs- Curriculum Revision	01.10.2023
5.	Dr. Mohamed Nafie'	Department of Chemistry	Molecular modelling as a structural bioinformatics tool	18.10.2023
6.	Students trained in Summer 2022/2024	Department of Chemistry	Industrial training presentation of the Department of Chemistry	15.11.2023
7.	MSc students	Department of Chemistry	Research project presentation of M.Sc. student	04.12.2023
8.	BSc students	Department of Chemistry	Undergraduate student research project presentation which held on December 05, 2024.	05.12.2023
9.	Prof. Abdelnasser Kawde	Department of Chemistry	Workshop on Completing Course E-Files with Proper CLOs/PLOs Mapping in Task-Stream	25.01.2024
10.	Dr. Abdelaziz Elgamouz	Department of Chemistry	Workshop on Effective use of Diploma software in multi-section chemistry courses exam preparations.	01.02.2024
11.	All Faculty of the department of Chemistry	Department of Chemistry	Workshop on Chemistry Research and Graduate Student supervisory opportunities.	08.02.2024

12.	Dr. Mahreen Arooj	Department of Chemistry	Research workshop on the topic Artificial Intelligence in Chemistry which held on Feb 15, 2024, Thursday from 4:00-5:00 pm at M7-222	15.02.2024
13.	Dr. Abdelaziz Elgamouz	Department of Chemistry	A workshop on: Policies, Procedures and Opportunities of the Chemistry Industrial Training.	04.03.2024
14.	MSc graduated students	Department of Chemistry	M.Sc. thesis and non-thesis defense Day.	09.05.2024
15.	BSc graduated students		Undergraduate student research Presentation.	13.05.2024

5. Community Engagement

Community Service

No.	Event Name	Type*	Date	Beneficiaries
Evaluator or Journal Reviewer (Total = 1)				
36.	Abdelaziz Elgamouz Reviewed, "Copper Removal from Aqueous Solution by Polymer-Enhanced Ultrafiltration Method by Using Polyacrylic Acid and Polyvinyl Alcohol Polymers as Additives"	Journal	May 17, 2024	Journal of Hazardous, Toxic, and Radioactive Waste
37.	Abdelaziz Elgamouz Reviewed, Label-free SERS assay for screening inhibitors of T4 polynucleotide kinase, December 23, 2023.	Journal	December 23, 2023.	Analytical and Bioanalytical Chemistry, Springer
38.	Abdelaziz Elgamouz Reviewed, Multi-Modal Multi-Array Electrochemical and Optical Sensor 2 Suite for a Biological Cubesat Payload, December 23, 2023.	Journal	December 23, 2023.	Sensors-MDPI
39.	Abdelaziz Elgamouz Reviewed, Recent Progress on Charge Transfer Engineering in Reticular Framework for Efficient Electrochemiluminescence, February 3, 2024	Journal	February 3, 2024	Analytical and Bioanalytical Chemistry, Springer
40.	Abdelaziz Elgamouz Reviewed, Toxic Congo red dye photodegradation employing green synthesis of zinc oxide nanoparticles via Gum Arabic, May 17, 2024.	Journal	May 17, 2024.	Arabian Journal for Science and Engineering
41.	Abdelaziz Elgamouz Reviewed, Can pristine ceramic filters remove azo dyes and disinfect con-2 taminated water? September 22, 2023.	Journal	September 22, 2023.	Ceramics-MDPI
42.	Abdelaziz Elgamouz Reviewed, NaY Zeolite Synthesis from vermiculite and modification with surfactant, November 3, 2023.	Journal	November 3, 2023.	Catalysis Research-Lidsen Publishing
43.	Abdelaziz Elgamouz Reviewed, Copper Removal from Aqueous Solution by Polymer-Enhanced Ultrafiltration Method	Journal	May 17, 2024	Journal of Hazardous, Toxic, and Radioactive Waste

	by Using Polyacrylic Acid and Polyvinyl Alcohol Polymers as Additives, May 17, 2024.			
44.	Abdelaziz Elgamouz Reviewed, Facile fabrication and characterization of cobalt ferrite nano-particles for the successful removal of indigo carmine dye from aqueous solutions, November 3, 2023.	Journal	November 3, 2023.	Inorganics-MDPI
45.	Abdelaziz Elgamouz Reviewed, Clay-based modified carbon paste electrode for heavy metals detection, April 6, 2024.	Journal	April 6, 2024	Journal of Materials Science
46.	Abdelaziz Elgamouz Reviewed, Recent strategies for enhancing the performance and lifespan of low-cost ceramic membranes in water filtration and treatment processes: A review, February 12, 2024.	Journal	February 12, 2024	Journal of Water Process Engineering
47.	Abdelaziz Elgamouz Reviewed, Synthesis of High-Crystallinity Zeolite A from Rare Earth Tailings: Investigating Adsorption Performance on Typical Pollutants in Rare Earth Mines.	Journal		Journal of Hazardous Materials
48.	Abdelaziz Elgamouz Reviewed, Multi-Modal Multi-Array Electrochemical and Optical Sensor 2 Suite for a Biological CubeSat Payload	Journal		Sensors-MDPI
49.	Abdelaziz Elgamouz Reviewed, Facile Synthesis of Zinc Oxide and Chromium Doped Zinc Oxide Nanostructures Over Nickel Foam Substrate For Highly Sensitive and Stable Modified Electrodes Glucose Sensors	Journal		Arabian Journal for Science and Engineering
50.	Abdelaziz Elgamouz Reviewed, Packed OV-SnO ₂ -Sb bead-electrodes for enhanced electrocatalytic oxidation of micropollutants in water	Journal		Water Research
51.	Abdelaziz Elgamouz Reviewed, Highly Sensitive and Selective Electrochemical Sensing of Hg(II) at the nanoscale using novel nanosized Cobalt Phthalocyanine and PVA-TEOS as Binder	Journal		Analytical and Bioanalytical Chemistry, Springer

52.	Abdelaziz Elgamouz Reviewed, Removal of rhodamine b and alizarin red from aqueous solutions by oxidized carbon nanotubes: kinetics and isotherm Study	Journal		Sharjah International Conference on Physics of Advanced Materials (SICPAM)
53.	Abdelaziz Elgamouz Reviewed, Novel Co-Al layered double oxide activated carbon composite for the elimination of lead ions from water	Conference		Sharjah International Conference on Physics of Advanced Materials (SICPAM)
54.	Abdelaziz Elgamouz Reviewed, Silicon/Silver nanohybrids based surface-enhanced Raman spectroscopy (SERS) biosensor for ultrasensitive direct detection of deafness mutations in real system	Conference		Sharjah International Conference on Physics of Advanced Materials (SICPAM)
55.	Abdelaziz Elgamouz Reviewed, Assessment of groundwater quality and its appropriateness for drinking and irrigation purpose in elements in the Al Dhahirah Governorate, Sultanate of Oman	Conference		Sharjah International Conference on Physics of Advanced Materials (SICPAM)
56.	Abdelaziz Elgamouz Reviewed, Enhancing aqueous Zn-Mn battery performance using Na ⁺ ion conducting ceramic membrane	Conference		Sharjah International Conference on Physics of Advanced Materials (SICPAM)
57.	Abdelaziz Elgamouz Reviewed, Impact of synthesis strategies on MnFe ₂ O ₄ Nanoparticles for the Degradation of Phenol	Conference		UAEU graduate students conference
58.	Abdelaziz Elgamouz Reviewed, Label-free SERS assay for screening inhibitors of T4 polynucleotide kinase, December 23, 2023.	Conference	December 23, 2023.	Analytical and Bioanalytical Chemistry, Springer
59.	Dr. Ayssar Nahlé reviewed a paper for the "Oriental Journal of Chemistry ", Title: "Fabrication and Electrochemical investigation of RGO-NiO nanocomposite electrodes for supercapacitor applications". Asa	Journal	June 24, 2023	Oriental Journal of Chemistry

	Palakkaden Subramanian. OJC-14568-23			
60.	Dr. Ayssar Nahlé Reviewed a paper for the "Oriental Journal of Chemistry", Title: "Molecular interactions in ternary system of K-contin and (2-Aminoacetamido)acetic acid at various temperatures - Ultrasonic and viscometric analysis". R.GEETHA. OJC-14517-23.	Journal	July 7, 2023	Oriental Journal of Chemistry
61.	As a member of editorial board of the "Oriental Journal of Chemistry", Dr. Ayssar Nahlé provided the final recommendation for the article entitled: "ELEVATED POLYURETHANE COATED POLYBENZOXAIN INTERCALATED ZRO2 NANOCOMPOSITES: A NEW FRONTIER FOR PROTECTIVE COATINGS IN VARIOUS DISCIPLINES". Valarmathi Nataraj. OJC-14565-23.	Journal	July 14, 2023	Oriental Journal of Chemistry
62.	As a member of editorial board of the "Oriental Journal of Chemistry", Dr. Ayssar Nahlé provided the final recommendation for the article entitled: " Experimental investigation of Inhibition on Mild Steel Corrosion in two different acid mediums by Synthesized Piperazin Derivatives". M. Vimala. OJC-14571-23.	Journal	July 14, 2023	Oriental Journal of Chemistry
63.	As a member of editorial board of the "Oriental Journal of Chemistry", Dr. Ayssar Nahlé provided the final recommendation for the article entitled: "Black pepper, dietary photochemical in the prevention of diseases by oxidative stress - A review". Kevin Jordan Noel. OJC-14524-23.	Journal	July 14, 2023	Oriental Journal of Chemistry
64.	Dr. Ayssar Nahlé Reviewed a paper for the "Kuwait Journal of Science", Title: Abatement of mild steel corrosion in hydrochloric acid solutions by sodium carboxymethyl cellulose and polyethylene glycol". Uchenna E. Itodoh, KJS-D-23-00570	Journal	September 9, 2023	Kuwait Journal of Science
65.	Dr. Ayssar Nahlé Reviewed a paper for the "Oriental Journal of Chemistry",	Journal	September 9, 2023	Oriental Journal of Chemistry

	Title: "Role of Alizarin Red-S - NaLS - Ascorbic Acid System in Solar Photogalvanic Performance and Storage". Birama Ram. OJC- 14576-23.			
66.	Dr. Ayssar Nahlé Reviewed a paper for the "Oriental Journal of Chemistry", Title: "Study on solution behavior of Green gemini-Conventional mixed systems and their solubilization capability towards Phenanthrene". MOUGHES AHMAD. OJC-14642-23.	Journal	September 9, 2023	Oriental Journal of Chemistry
67.	Dr. Ayssar Nahlé Reviewed a paper for the "Oriental Journal of Chemistry", Title: "Synthesis of Schiff bases derivatives of 1,3-oxazepine and evaluation of antioxidant action in vitro". SARVESH SINGH. OJC-14685-23.	Journal	September 15, 2023	Oriental Journal of Chemistry
68.	As a member of editorial board of the "Oriental Journal of Chemistry", Dr. Ayssar Nahlé provided the final recommendation for the article entitled: "SYNTHESIS AND CHARACTERIZATION OF 6-AMINO CAPROIC ACID TKP-BASED RESIN FOR WASTEWATER TREATMENT". SUGAN KANWAR. OJC- 14640-23	Journal	September 22, 2023	Oriental Journal of Chemistry
69.	As a member of editorial board of the "Oriental Journal of Chemistry", Dr. Ayssar Nahlé provided the final recommendation for the article entitled: "Study on solution behavior of Green gemini-Conventional mixed systems and their solubilization capability towards Phenanthrene". Anurag Tewari. OJC- 14642-23.	Journal	September 22, 2023	Oriental Journal of Chemistry
70.	As a member of editorial board of the "Oriental Journal of Chemistry", Dr. Ayssar Nahlé provided the final recommendation for the article entitled: "Synthesis and Spectroscopy Characterizations of Some New Bis 1,3-thiazolidin-4-ones Derived from 4-hydroxybenzaldehyde Substrate". ROJIN BIRO HAJI. OJC-14631-23.	Journal	October 7, 2023	Oriental Journal of Chemistry
71.	As a member of editorial board of the "Oriental Journal of Chemistry", Dr. Ayssar Nahlé provided the final recommendation for the article entitled: "A Practical Approach for Solubility Enhancement of	Journal	October 7, 2023	Oriental Journal of Chemistry

	Leflunomide". Yash Bhandari. OJC-14574-23.			
72.	As a member of editorial board of the "Oriental Journal of Chemistry", Dr. Ayssar Nahlé provided the final recommendation for the article entitled: "Thickening performance evaluation and molecular dynamics simulation on hydrophobic associated polymer in acid circumstances". Xianwu Jing. OJC- 14683-23.	Journal	October 7, 2023	Oriental Journal of Chemistry
73.	Dr. Ayssar Nahlé Reviewed a paper for the "Oriental Journal of Chemistry ", Title: "Synthesis of Novel Organic compound as Corrosion Inhibitor in Hydrochloric Acid Medium-A Comparitive Study". M VIMALA. OJC- 14734-23.	Journal	November 10, 2023	Oriental Journal of Chemistry
74.	As a member of editorial board of the "Oriental Journal of Chemistry", Dr. Ayssar Nahlé provided the final recommendation for the article entitled: "Synthesis, Characterization and Catalytic application of Mn-MFI prepared by different methods". MOHAMED SAYED THABET. OJC-14705-23.	Journal	November 10, 2023	Oriental Journal of Chemistry
75.	As a member of editorial board of the "Oriental Journal of Chemistry", Dr. Ayssar Nahlé provided the final recommendation for the article entitled: "Evaluation of the Oral Toxicity of Litchi Chinensis Pericarp Extract in Experimental Rats". Km. Monika. OJC-14641-	Journal	November 10, 2023	Oriental Journal of Chemistry
76.	Dr. Ayssar Nahlé Reviewed a paper for the "Oriental Journal of Chemistry ", Title: "Impact of Solvent Impurities on Stainless Steel Corrosion in CO2-Saturated NaCl Environments: Mechanisms and Implications". Kanimozhi.K.R. OJC- 14781-23.	Journal	November, 22, 2023	Oriental Journal of Chemistry
77.	As a member of editorial board of the "Oriental Journal of Chemistry", Dr. Ayssar Nahlé provided the final recommendation for the article entitled: "Selected Coastal Plants as Potential Treatment for Pneumonia Disease: Determination of Their Phytochemicals and Antibacterial Activity Against Some Pneumonia Bacteria". WAHDINI HANIFAH. OJC-14708-23.	Journal	December 9, 2023	Oriental Journal of Chemistry

78.	As a member of editorial board of the "Oriental Journal of Chemistry", Dr. Ayssar Nahlé provided the final recommendation for the article entitled: "Synthesis of Novel Indolyl benzothiazepines / Indolyl benzoxazepines Substituted 2-Oxo/Thiobarbituric Acids as Potential Anticonvulsant Agents". Archana. OJC-14679-23.	Journal	January 1, 2024	Oriental Journal of Chemistry
79.	As a member of editorial board of the "Oriental Journal of Chemistry", Dr. Ayssar Nahlé provided the final recommendation for the article entitled: "Bis(2-cyanoacetamide) in Heterocyclic Synthesis: Synthesis of Some bis[2-oxopyridine, 2-iminochromene, chromeno[3,4-c]pyridine, benzochromeno[3,4-c]pyridine] derivatives". H. Kh. Thabet. OJC-14749-23.	Journal	January 6, 2024	Oriental Journal of Chemistry
80.	As a member of editorial board of the "Oriental Journal of Chemistry", Dr. Ayssar Nahlé provided the final recommendation for the article entitled: "The efficiency enhancement of perovskite solar cells with carbazole self-assembled monolayers in hole transport layers". Alope Verma. OJC-14725-23	Journal	January 26, 2024	Oriental Journal of Chemistry
81.	As a member of editorial board of the "Oriental Journal of Chemistry", Dr. Ayssar Nahlé provided the final recommendation for the article entitled: "Dioxomolybdenum (VI) compounds of macrocyclic Schiff base ligands: Preparation, characterization and antibacterial activity". SHIKHA KATIYAR. OJC-14800-23.	Journal	January 27, 2024	Oriental Journal of Chemistry
82.	As a member of editorial board of the "Oriental Journal of Chemistry", Dr. Ayssar Nahlé provided the final recommendation for the article entitled: "Enhanced Growth of Green synthesized Bi ₂ Fe ₄ O ₉ : Nanoparticles decorated on MWCNT". A. Ayeshamariam. OJC-14803-23.	Journal	January 27, 2024	Oriental Journal of Chemistry
83.	As a member of editorial board of the "Oriental Journal of Chemistry", Dr. Ayssar Nahlé provided the final recommendation for the article entitled: "Potentially Biodynamic Tin(II) Complexes Derived from Macrocyclic Ligands: Synthesis,	Journal	January 31, 2024	Oriental Journal of Chemistry

	Spectral Analysis, In vitro Antibacterial, Antifungal and Brine Shrimp Lethality Evaluation". Anita Phor. OJC- 14709-23.			
84.	As a member of editorial board of the "Oriental Journal of Chemistry", Dr. Ayssar Nahlé provided the final recommendation for the article entitled: "Rheological models for behavior of sesame (Sesamum indicum) oil". Ioana Stanciu. OJC-14854-24.	Journal	February 10, 2024	Oriental Journal of Chemistry
85.	As a member of editorial board of the "Oriental Journal of Chemistry", Dr. Ayssar Nahlé provided the final recommendation for the article entitled: "Phytochemical Screening by GCMS Analysis of Leaf Extracts of Ocimum Sanctum & Mentha Arvensis in Different Organic Solvents". ANIL BADOIRE. OJC- 14630-23.	Journal	February 10, 2024	Oriental Journal of Chemistry
86.	As a member of editorial board of the "Oriental Journal of Chemistry", Dr. Ayssar Nahlé provided the final recommendation for the article entitled: "Effect of Al ₂ O ₃ Nanoparticle on the characteristic Parameters of PVDF-co-HFP Based Mg ²⁺ Conducting Polymer Electrolyte Membranes". M Ram Reddy. OJC-14835-24.	Journal	February 10, 2024	Oriental Journal of Chemistry
87.	As a member of editorial board of the "Oriental Journal of Chemistry", Dr. Ayssar Nahlé provided the final recommendation for the article entitled: "Spectroscopic identification of isolated bioactive compounds from methanolic extract of Psychotria dalzellii leaves". Preeti N Tallur. OJC-14834-24.	Journal	February 10, 2024	Oriental Journal of Chemistry
88.	As a member of editorial board of the "Oriental Journal of Chemistry", Dr. Ayssar Nahlé provided the final recommendation for the article entitled: "SOLVENT FREE GREEN SYNTHESIS OF 4-SUBSTITUTED THIOCARBAMIDO- NAPHTHOLS". Kiran P. Jumde. OJC- 14824-24.	Journal	February 10, 2024	Oriental Journal of Chemistry
89.	As a member of editorial board of the "Oriental Journal of Chemistry", Dr. Ayssar Nahlé provided the final recommendation for the article entitled: "Ce modified Nanocrystalline SmFeO ₃ for Ethanol Sensing". R. B. MANKAR. OJC- 14827-24	Journal	February 10, 2024	Oriental Journal of Chemistry

90.	As a member of editorial board of the "Oriental Journal of Chemistry", Dr. Ayssar Nahlé provided the final recommendation for the article entitled: "A Comparative Study of Photo-sensitizers in Reductant Surfactant System in Photogalvanic cell for Photo induced Power Generation and Storage". Jayshree Rathore. OJC- 14791-23.	Journal	February 10, 2024	Oriental Journal of Chemistry
91.	As a member of editorial board of the "Oriental Journal of Chemistry", Dr. Ayssar Nahlé provided the final recommendation for the article entitled: "Phytochemical Screening and In Vitro Cytotoxicity of Sphagnum sericeum against Human Acute Lymphoblastic Leukaemia Cell Lines". Elda Surhaida Latif. OJC-14762-23.	Journal	February 10, 2024	Oriental Journal of Chemistry
92.	As a member of editorial board of the "Oriental Journal of Chemistry", Dr. Ayssar Nahlé provided the final recommendation for the article entitled: "Extraction with 5-Chlorosalicylaldehyde thiosemicarbazone of Cu(II) in butyl acetate and its spectrophotometric study". PRIYANKA MELWIN RODRIGUES. OJC- 14790-23.	Journal	February 18, 2024	Oriental Journal of Chemistry
93.	As a member of editorial board of the "Oriental Journal of Chemistry", Dr. Ayssar Nahlé provided the final recommendation for the article entitled: "AN EXPERIMENTAL STUDY ON THE EVALUATION OF BOERHAVIA DIFFUSA IN THE TREATMENT OF PSORIASIS IN ALBINO MICE". Virendra Pratap Rathore. OJC- 14858-23.	Journal	February 24, 2024	Oriental Journal of Chemistry
94.	As a member of editorial board of the "Oriental Journal of Chemistry", Dr. Ayssar Nahlé provided the final recommendation for the article entitled: "Synthesis, Characterization and Biological Activity of Novel Heterocyclic Compounds Containing Acylated Pyrazoline". TANUJA V KADRE. OJC- 14809-23.	Journal	February 24, 2024	Oriental Journal of Chemistry
95.	As a member of editorial board of the "Oriental Journal of Chemistry", Dr. Ayssar Nahlé provided the final recommendation for the article entitled: "Green Synthesis of ZnO Nanoparticles Using Sweet Orange Peels as a Mediating Agent and their	Journal	February 24, 2024	Oriental Journal of Chemistry

	Antibacterial Properties". ROXY M SMELWIN RODRIGUES. OJC-14843-24.			
96.	As a member of editorial board of the "Oriental Journal of Chemistry", Dr. Ayssar Nahlé provided the final recommendation for the article entitled: "A thermoacoustical and DFT exploration of physio-chemical properties for N, N-dimethylacetamide (DMA) with water". Manisha Gupta. OJC-14841-24.	Journal	March 3, 2024	Oriental Journal of Chemistry
97.	As a member of editorial board of the "Oriental Journal of Chemistry", Dr. Ayssar Nahlé provided the final recommendation for the article entitled: "Synthesis, Characterization and In Silico Studies of Novel (E)-4-(((3-(substituted phenyl)-1-phenyl-1H-pyrazol-5-yl)methylene)amino)benzenesulfonamide as Diuretic agent". VISWASKUMAR PANCHAL. OJC-14788-23.	Journal	March 3, 2024	Oriental Journal of Chemistry
98.	As a member of editorial board of the "Oriental Journal of Chemistry", Dr. Ayssar Nahlé provided the final recommendation for the article entitled: "Herbal Remedies in Wound Healing: A Comprehensive Review of Plants and Non-Clinical Applications". Gauri Goyal. OJC-14853-24.	Journal	March 3, 2024	Oriental Journal of Chemistry
99.	As a member of editorial board of the "Oriental Journal of Chemistry", Dr. Ayssar Nahlé provided the final recommendation for the article entitled: "Synthesis and Biological Evaluation of Newly Synthesized Flavones". AMREEN KHAN. OJC-14845-24.	Journal	March 5, 2024	Oriental Journal of Chemistry
100.	As a member of editorial board of the "Oriental Journal of Chemistry", Dr. Ayssar Nahlé provided the final recommendation for the article entitled: "Computational elucidation of novel synthetic scheme for Erlotinib". Arun B. Chavan. OJC-14848-24.	Journal	March 15, 2024	Oriental Journal of Chemistry
101.	As a member of editorial board of the "Oriental Journal of Chemistry", Dr. Ayssar Nahlé provided the final recommendation for the article entitled: "Exploring the Therapeutic Potential of Metal Complexes of Pregabalin and Terbutaline: Spectroscopic Insights and Molecular	Journal	March 23, 2024	Oriental Journal of Chemistry

	Docking in Alzheimer's and Parkinson's Disease". Parth Anilkumar Barot. OJC-14876-24.			
102.	As a member of editorial board of the "Oriental Journal of Chemistry", Dr. Ayssar Nahlé provided the final recommendation for the article entitled: "An Eco-friendly Corrosion Inhibitor: Neolamarckia Cadamba leaves extracts for SS 304 in 1 M HCl solution". JEENI PATEL. OJC-14886-24.	Journal	March 23, 2024	Oriental Journal of Chemistry
103.	As a member of editorial board of the "Oriental Journal of Chemistry", Dr. Ayssar Nahlé provided the final recommendation for the article entitled: "Novel tricyclic functionalized azetidinone molecules: synthesis, characterization and evaluation of antidepressant action". DEEPAK BHADRE. OJC-14903-24.	Journal	March 23, 2024	Oriental Journal of Chemistry
104.	As a member of editorial board of the "Oriental Journal of Chemistry", Dr. Ayssar Nahlé provided the final recommendation for the article entitled: "Review on Various Antibiotic Contamination in Natural Sources: Effects on Environment Including Animals and Humans". DEBASHREE MANDAL. OJC-14884-24	Journal	March 23, 2024	Oriental Journal of Chemistry
105.	As a member of editorial board of the "Oriental Journal of Chemistry", Dr. Ayssar Nahlé provided the final recommendation for the article entitled: "Highly Effective antifungal and antibacterial properties of ZnO, ZnS, FeS ₂ and SnO ₂ nanoparticles against various fungal and bacterial isolates". Y.C. Goswami. OJC-14868-24	Journal	March 31, 2024	Oriental Journal of Chemistry
106.	Dr. Ayssar Nahlé Reviewed the M.Sc. Project proposal entitled: "Enhanced Voltammetric Detection of Selected Antibiotics Residues in Dairy Products Utilizing Zeolite-Modified Carbon Paste Electrode", and submitted by Asma Alnuaimi (ID: U21200585). Advisor: Prof. Abdel-Nasser Kawde.	Project proposal	April 3, 2024	Department of Chemistry
107.	As a member of editorial board of the "Oriental Journal of Chemistry", Dr. Ayssar Nahlé provided the final recommendation for the article entitled: "A Review on Harnessing the Potential of Coconut Shell Activated Carbon and Nitrogen-Doped	Journal	April 20, 2024	Oriental Journal of Chemistry

	Activated Carbon - Catalysts for Sustainable Power Generation". SAKTHIVEL R. OJC-14882-24.			
108.	As a member of editorial board of the "Oriental Journal of Chemistry", Dr. Ayssar Nahlé provided the final recommendation for the article entitled: "A conceptual DFT based analysis of thermodynamic and global reactivity parameter indices for pyrogallol based complex with Al ³⁺ , Cr ³⁺ and Fe ³⁺ metal ions". Pramod Kumar. OJC-14946-24.	Journal	April 20, 2024	Oriental Journal of Chemistry
109.	As a member of editorial board of the "Oriental Journal of Chemistry", Dr. Ayssar Nahlé provided the final recommendation for the article entitled: "In-vitro anti-urolithiasis activity evaluation of Acalypha rhomboidea leaf extract". SWETHA KAPPALA. OJC-14942-24.	Journal	April 20, 2024	Oriental Journal of Chemistry
110.	As a member of editorial board of the "Oriental Journal of Chemistry", Dr. Ayssar Nahlé provided the final recommendation for the article entitled: "Assessing the Health Impacts of Air Pollutants on and their related health risks. on vulnerable populations in Delhi". Subhadra Rajpoot. OJC-14955-24.	Journal	April 28, 2024	Oriental Journal of Chemistry
111.	As a member of editorial board of the "Oriental Journal of Chemistry", Dr. Ayssar Nahlé provided the final recommendation for the article entitled: "Iron Removal from Drinking Water System using Ecofriendly Synthesized Metal-Organic Frameworks". LEKSHMY OMANA. OJC-14888-24.	Journal	April 28, 2024	Oriental Journal of Chemistry
112.	Dr. Ayssar Nahlé Reviewed a paper for the "Oriental Journal of Chemistry", Title: "Synthesis and Characterization of Polyaniline-Protected Y ₂ O ₃ Binary Composite: Structural Insights and Electrochemical Performance". Kusum Lata. OJC-14898-24.	Journal	April 28, 2024	Oriental Journal of Chemistry
113.	As a member of editorial board of the "Oriental Journal of Chemistry", Dr. Ayssar Nahlé provided the final recommendation for the article entitled: "Synthesis, Spectroscopic and Biological Activity Studies of Zinc(II) Complexes of N ₁ ,N' ₄ -bis((1E,2E)-2-(hydroxyimino)-1-(4-R)-	Journal	May 4, 2024	Oriental Journal of Chemistry Oriental Journal of Chemistry

	phenylethylidene)terephthalohydrazide Schiff Base". JOTIRAM KRISHNA CHAVAN. OJC-15012-24.			
114.	As a member of editorial board of the "Oriental Journal of Chemistry", Dr. Ayssar Nahlé provided the final recommendation for the article entitled: "Examining the Ecological Footprint of Microplastics: A Holistic Exploration from Genesis to Demise". Pooja Yadav. OJC-15001-24.	Journal	May 4, 2024	Oriental Journal of Chemistry
115.	As a member of editorial board of the "Oriental Journal of Chemistry", Dr. Ayssar Nahlé provided the final recommendation for the article entitled: "Microstructural and adsorption behavior of non-polar amino acids in soil amended with Polyethylene glycol". NISHA TEWATIA. OJC-15000-24.	Journal	May 4, 2024	Oriental Journal of Chemistry
116.	As a member of editorial board of the "Oriental Journal of Chemistry", Dr. Ayssar Nahlé provided the final recommendation for the article entitled: "Illuminating potential of Diphenyltin(IV) Dithiocarbamate Compounds for pharmacological applications: Synthesis, structural elucidation, In-silico and Cytotoxicity Study on A549 Human Lung Cancer Cells". Nurul Amalina Abd Aziz. OJC-14907-24.	Journal	May 5, 2024	Oriental Journal of Chemistry
117.	As a member of editorial board of the "Oriental Journal of Chemistry", Dr. Ayssar Nahlé provided the final recommendation for the article entitled: "SYNTHESIS, CHARACTERIZATION, BIOLOGICAL ASSAY OF NEW 5-(PYRIDINE-2-YL)-1,3,4-OXADIAZOL-2-AMINE DERIVATIVES AND THEIR MOLECULAR DOCKING STUDIES". PRABHAKAR G. OJC-14917-24.	Journal	May 5, 2024	Oriental Journal of Chemistry
118.	As a member of editorial board of the "Oriental Journal of Chemistry", Dr. Ayssar Nahlé provided the final recommendation for the article entitled: "GREEN SYNTHESIS OF RECYCLABLE BaPbFe ₂ O ₆ NANOPALES FOR PHOTOCATALYTIC REMOVAL OF ORGANIC DYE POLLUTANT". JEEVAN KUNWAR CHOUHAN. OJC-14852-24.	Journal	May 5, 2024	Oriental Journal of Chemistry

119.	As a member of editorial board of the "Oriental Journal of Chemistry", Dr. Ayssar Nahlé provided the final recommendation for the article entitled: "Theoretical and Experimental study of Structural aspects of 2-acetonyl-2-methyl benzothiazoline (AMBT) by Hyperchem 7.5 software". K. Laxmi. OJC-14864-24.	Journal	May 5, 2024	Oriental Journal of Chemistry
120.	As a member of editorial board of the "Oriental Journal of Chemistry", Dr. Ayssar Nahlé provided the final recommendation for the article entitled: "Synthesis, Spectral, and Biological Evaluation of Some Transition Metal Complexes with Novel Benzothiazole Derivatives". Debraj Pallai. OJC-14855-24.	Journal	May 12, 202	Oriental Journal of Chemistry
121.	As a member of editorial board of the "Oriental Journal of Chemistry", Dr. Ayssar Nahlé provided the final recommendation for the article entitled: "Population dynamics of thrips on chilly, bottle guard and cucumber under different biochemical agents". Arti Yadav. OJC-14879-24.	Journal	May 12, 2024	Oriental Journal of Chemistry
122.	As a member of editorial board of the "Oriental Journal of Chemistry", Dr. Ayssar Nahlé provided the final recommendation for the article entitled: "Clean hydrogen production via methane cracking over Ni supported on ceria-silica catalysts". Kandukuri Venkateshwarlu. OJC-15006-24.	Journal	May 18, 2024	Oriental Journal of Chemistry
123.	As a member of editorial board of the "Oriental Journal of Chemistry", Dr. Ayssar Nahlé provided the final recommendation for the article entitled: "Impact of graphite on unsaturated polyester/graphite composites for the fabrication of bipolar plates". M. Karunakaran. OJC-14956-24.	Journal	May 22, 2024	Oriental Journal of Chemistry
124.	As a member of editorial board of the "Oriental Journal of Chemistry", Dr. Ayssar Nahlé provided the final recommendation for the article entitled: "Recycle of Waste Plastic into Alternate Fuel". Shourabh Singh Raghuwanshi. OJC-15023-24.	Journal	May 22, 2024	Oriental Journal of Chemistry
125.	Mr. Ibrahim: Reviewed an article about:	Journal	20-5-2023	Arab Journal of Chemistry

	“Chemistry journals and research trends in Arab countries: A bibliometric analysis” by Atef Korchef ... et al, on 20-5-2023. Manuscript Number: ARABJC-D-23-00921			
126.	Mr. Ibrahim: Reviewed an article about: “Influence of Technological Synthesis Conditions on Corrosion Behavior and Mechanical Properties for NiTi Alloys”, on 11-6-2023. Manuscript ID: ACMM-05-2023-2814	Journal	11-6-2023	<i>Anti-Corrosion Methods and Materials</i>
127.	Mr. Ibrahim: Reviewed an article about: “Improvement of corrosion resistance of 7075 aluminum alloy by ceria coating modified by zinc oxide nanoparticles”, on 10-6-2023. Manuscript ID: ACMM-05-2023-2803	Journal	10-6-2023	<i>Anti-Corrosion Methods and Materials</i>
128.	Mr. Ibrahim: Reviewed an article about: “Green fabrication, characterization and antimicrobial activities of AgO/Ag/carboxymethyl chitosan- graphene oxide films”, on 26-9-2023. Manuscript Number: ARABJC-D-23-01072	Journal	26-9-2023	<i>Arabian Journal of Chemistry</i>
129.	Mr. Ibrahim: Reviewed an article about: “An improved protection of alanine for atmospheric corrosion of mild steel using carbon dots-montmorillonite hybrid materials”, on 15-11-2023. Manuscript ID: ACMM-11-2023-2915	Journal	15-11-2023	<i>Anti-Corrosion Methods and Materials</i>
130.	Mr. Ibrahim: Reviewed an article about: “Assessment of Cooling Condensation and Adsorption Methods for Atmospheric Water Harvesting from Energy Point of View” Manuscript ID: ACSR-23-SC-623	Journal	25-11-2023	<i>Annals of Chemical Science Research (ACSR)</i>
131.	Mr. Ibrahim: Reviewed an article about: “An improved protection of alanine for atmospheric corrosion of mild steel using carbon dots-montmorillonite hybrid materials”, on 13-12-2023. Manuscript ID: ACMM-11-2023-2915.R1	Journal	13-12-2023	<i>Anti-Corrosion Methods and Materials</i>
132.	Mr. Ibrahim: Reviewed an article about: “Low-cost electrochemical biosensor based on a multi-walled carbon nanotube-doped molecularly imprinted polymer for uric acid detection”, on 3-1-2024. Manuscript Number: ARABJC-D-23-02640	Journal	3-1-2024	<i>Arabian Journal of Chemistry</i>

133.	Mr. Ibrahim: Reviewed an article about: "Study on the Performance of Nano Boron Nitride Composite Phosphating Film Modified on Carbon Steel Surface", on 10-03-2024. Manuscript ID: ACMM-01-2024-2955	Journal	10-3-2024	<i>Anti-Corrosion Methods and Materials</i>
134.	Mr. Ibrahim: Reviewed an article about: "Sintered Glass-Ceramic Foams from Different Iron-Rich Waste", on 11-4-2024. Manuscript ID: ACSR-24-SC-636	Journal	11-4-2024	<i>Annals of Chemical Science Research (ACSR)</i>
135.	Mr. Ibrahim: Reviewed an article about: "Recycling and Sustainable Development", on 8-5-2024. Manuscript ID: ACSR-24-MRW-634	Journal	8-5-2024	<i>Annals of Chemical Science Research (ACSR)</i>
136.	Mr. Ibrahim: Reviewed an article about: "Eco-Friendly Production of Metallic Nanoparticles for Corrosion Inhibition of Mild Steel in natural sea water Using Ocimum Sanctum (Basil) Extract", on 4-5-2024. Manuscript ID: ACMM-04-2024-3003	Journal	4-5-2024	<i>Anti-Corrosion Methods and Materials</i>
137.	Sierra Agudelo JN, Subirada F, Hendriks M, Rodriguez Trujillo R and Samitier J (2023) Low-cost 3D printed inertial flow microfluidic devices for cellular isolation in liquid biopsies. <i>Front. Lab. Chip. Technol.</i> 2:1175668. doi: 10.3389/frlct.2023.1175668 Reviewed by: Dr. Samar Damiati	Journal	May 2023	Frontiers In Lab On A Chip
138.	Pandit P, et al., Sensing methods for stress biomarker detection in human saliva: a new frontier for wearable electronics and biosensing. <i>Mater. Adv.</i> , 2024 Reviewed by: Dr. Samar Damiati	Journal	November 2023	Materials Advances
139.	β -amyloid as a Novel Target Biomarker for the OEGFET Biosensor, Revolutionizing Non-Invasive Alzheimer's Screening Reviewed by: Dr. Samar Damiati	Journal	April 2024	IEEE Sensors Letters
140.	Assessing Organic Electrochemical Transistors for Biosensing Applications with Seminal Fluid Reviewed by: Dr. Samar Damiati	Journal	May 2024	IEEE SENSORS Conference 2024
141.	Bioactive Urea and Thiourea Derivatives: Synthesis, In Vitro Assessment, and Molecular Docking Analysis Reviewed by: Dr. Mohamed El-Naggar	Journal	2023	Inorganic Chemistry Communications

142.	Staphylopolypeptide A, a new cyclic lipopeptide from culture broth of Staphylococcus sp. - Antimicrobial and Glucoamylase inhibitory Activities Reviewed by Dr. Mohamed El-Naggar		2023	Journal of Molecular structure
143.	Synthesis, Antimicrobial and Cytotoxic activities of Tetrazole N - Mannich Base Derivatives: Investigation of DFT calculation, Molecular Docking, and Swiss ADME Reviewed by Dr. Mohamed El-Naggar	Journal	2023	Journal of molecular structure
144.	Synthesis and evaluation of in vitro cytotoxic effects of 6-hydrazinyl-6-phenylhexane-2,4-dione derivatives against MCF-7 cell line and their investigation of Antioxidant, Antibacterial Activities, Molecular Docking and Swiss ADME Studies Dr. Mohamed El-Naggar	Journal	2023	Journal of molecular structure
145.	The anti-breast cancer activity of Indeno[1,2-b]pyridin-5-one Derivatives having Azo Groups and their Hydrazone Precursors Reviewed by Dr: Mohamed El-Naggar	Journal	2023	Journal of Molecular Structure
146.	Design, synthesis, antibacterial, and antifungal evaluation study of new series of quinazoline clubbed thiazole and /or triazole hybrids as bioactive heterocycles Dr. Mohamed El-Naggar	Journal	2024	Journal of molecular structure
147.	Design, Synthesis, DFT, MM/GBSA, MDS and Biological Evaluation of New Heterocycles from Benzocyclopentanones Dr. Mohamed El-Naggar	Journal	2024	Journal of molecular structure
148.	Chalcone derived thiosemicarbazones: Synthesis, in vitro anti-malarial activity, cytotoxicity and in silico molecular docking study Dr. Mohamed El-Naggar	Journal	2024	Chemistry select
149.	2D-QSAR assisted design, synthesis, biological evaluation and molecular docking of novel indole derivatives as anti-cancer agents	Journal	2024	Saudi Pharmaceutical journal

	Dr. Mohamed El-Naggar			
150.	Effect of Bismuth Metal Contents on Optical and Impedance Performance of $[[EQUATION]]$: Single Step Wet Chemical Synthesis Approach Dr. Kamrul Hasan	Journal	6/6/2024	Arabian Journal for Science and Engineering
151.	Synthesis of Schiff Bases via Pyridine-2-carboxylic acid as a Rapid Biocatalyst ChemistrySelectDr. Kamrul Hasan	Journal	6/6/2024	ChemistrySelect
152.	Preparation and Performance Research of Magnetic Crosslinked Poly(DVB-co-AA) Microspheres Dr. Kamrul Hasan	Journal	28/4/2024	Magnetochemistry
153.	Oxovanadium(IV) unsymmetrical salophen complex supported on silica-coated CoFe ₂ O ₄ magnetic nanoparticles as an efficient heterogeneous nanocatalyst for selective oxidation of... Dr. Kamrul Hasan	Journal	12/4/2024	Research Chemical intermediates
154.	Magnetically Retractable Nanocatalysts: A Practical Route for the Suzuki-Miyaura Cross Coupling Reaction Dr. Kamrul Hasan	Journal	5/4/2024	Nanoscale
155.	Whey mediated synthesis of silver nanoparticles, and optimization of reduction reaction conditions		4/3/2024	Reactions
156.	("Synthesis-Property Relationships of Ni-impregnated CeO ₂ -TiO ₂ -Cu _x O Catalysts Targeting the Dry Reforming of Methane") for UAE GSRC 2024. Dr. Kamrul Hasan	Journal	28/2/2024	UAE-GSRC 2024
157.	Microwave-assisted synthesis of novel Schiff base derived from Isatin moiety for the selective recognition of Ni(II) ChemistrySelecDr. Kamrul Hasan	Journal	28/2/2024	ChemistrySelect
158.	Surface topography, structural, optical and dc electrical behaviors of pristine and metal-doped ZnS thin films Dr. Kmarul Hasan	Journal	16/01/2024	Heliyon
159.	"Effects of nano-composite derivatives of Ni-Fe, Ni-Co, Ni-Co-Fe Prussian blue analogs (PBA) on the thermal decomposition performance of nitrocellulose" Dr. Kmarul Hasan	Journal	26/12/2023	ACS Omega
160.	: "Green Biocatalyst for Ultrasound-Assisted Thiazole Derivatives: Synthesis, Antibacterial Evaluation, and Docking Analysis" Dr. Kmarul Hasan	Journal	13/12/2023	ACS Omega

161.	Two manuscripts, Dr. Kmarul Hasan	Conference Journal	27/11/2023	SICPAM paper, UOS
162.	"Fe ₃ O ₄ @Saponin/MnCl ₂ as an efficient magnetic nano-catalyst for the synthesis of new functionalized chromeno[4,3-b]pyrrol-3-yl derivatives" Dr. Kamrul Hasan	Journal	26/11/2023	Inorganic and Nano-Metal Chemistry
163.	Plasma deposited CoO–(carbon matrix) thin-film nanocatalysts: The impact of their structure on activity in CO ₂ methanation Dr. Kamrul Hasan	Journal	23/11/2023	Catalysts
164.	Construction of highly sensitive nitrite sensor using novel iron-manganese-silver nanocomposite" Dr. Kamrul Hasan	Journal	10/11/2023	ACS Omega
165.	Separation of an industrial mixture of decalin or naphthalene fluorination products. Cis-Perfluorodecalin, Trans-Perfluorodecalin and Perfluoro(butylcyclohexane): Physicochemical, Thermophysical, and Spectral Data Dr. Kamrul Hasan	Journal	19/10/2023	Processes
166.	Manuscript Number: JCLEPRO-D-23-18444R1 Investigation of the operation characteristics and optimization of an alkaline water electrolysis system at high temperature and a high current density Reviewed by Dr. Tanveer ul Haq	Journal		Journal of cleaner Production
167.	Manuscript Number: MTCHEM-D-23-02268 Tailored Nanocomposite FeNiB/MnO ₂ /rGO@NF Electrocatalyst for Highly Efficient and Stable Oxygen Evolution Reaction in Freshwater and Seawater Reviewed by Dr. Tanveer ul Haq	Journal		Materials Today Chemistry
168.	Ref:APCATB-D-23-05387R1 Title: The Dynamic Anti-corrosion of Self-derived Space Charge Layer Enabling Long-term Stable Seawater Oxidation Reviewed by Dr. Tanveer ul Haq	Journal		Applied Catalysis B Environment
169.	adfm.202309682 Self-hydrolysis of Gelatin-coupled Boride Electrode Enabling Ultrastable for Overall Seawater Splitting at Industrial Environment	Journal		Advanced Functional Materials

	Reviewed by Dr. Tanveer ul Haq			
170.	Ms. Ref. No.: EA23-1742R1 Title: Behavior of NiFe alloy nanowires in KOH and NaCl solution for water electrolysis Reviewed by Dr. Tanveer ul Haq	Journal		Electrochemical Acta
171.	Manuscript ID : am-2023-15677h.R1 Title : "Ball Milling of La2O3 Tailors Crystal Structure, Reactive Oxygen Species, and Free Radical and Non-Free Radical Photocatalytic Pathways Reviewed by Dr. Tanveer ul Haq	Journal		ACS Applied Material & Interfaces
172.	Liensinine Diperchlorate and Artemisitene Synergistically Attenuate Breast Cancer Progression Through Suppressing PI3K-AKT Signaling and their Efficiency in Breast Cancer Patient-derived Organoids			
173.	Design, Synthesis and Molecular Docking of 5-fluoro Indole Derivatives as Inhibitors of PI3K/Akt Signalling Pathway in Cervical Cancer 2 rounds from Feb 2024 to Apr 2024 for Journal of Molecular Structure	Journal	Dr. Mohamed S. Nafie	
174.	Novel 9-Methylanthracene Derivatives as p53 Activators for the Treatment of Glioblastoma multiforme 2 rounds from Apr 2024 to Apr 2024 for Molecules	Journal	Dr. Mohamed S. Nafie	
175.	Phytochemical Analysis and in Vitro Anti-inflammatory, Anticancer Activities of Marrubium Lutescens on Melanoma Cancer Cell Line, 2 rounds from Apr 2024 to Apr 2024 for Journal of Herbal Medicine	Journal	Dr. Mohamed S. Nafie	
176.	Novel Spirooxindole-Triazole Derivatives: Unveiling [3+2] Cycloaddition Reactivity Through Molecular Electron Density Theory and Their Potential Cytotoxicity Against HepG2 and MDAMB-231 Cell Lines 3 rounds from Mar 2024 to Apr 2024 for ACS Omega	Journal	Dr. Mohamed S. Nafie	
177.	Design and Synthesis New Dihydropyrimidine Derivatives with Cytotoxic Effect as Dual EGFR/VEGFR-2 Inhibitors	Journal	Dr. Mohamed S. Nafie	

	3 rounds from Feb 2024 to Apr 2024 for ACS Omega			
178.	Effect of SNX5 Expression on Breast Cancer Progression By Regulating EGFR/ERK1/2 2 rounds from Jan 2024 to Apr 2024 for Inorganic Chemistry Communications	Journal	Dr. Mohamed S. Nafie	
179.	Designing JAK2 Inhibitors Beyond Myeloproliferative Neoplasms - Theoretical and Experimental Analysis for Solid Cancers 2 rounds from Feb 2024 to Apr 2024 for ChemistrySelect	Journal	Dr. Mohamed S. Nafie	
180.	A Novel and Highly Efficient Green Synthetic Strategy for the Aryliden-2-Thioxothiazolidin-4-one Derivatives as Tubulin Polymerization Inhibitors with Anticancer Activities Reviewed: Apr 2024 for BMC Chemistry Chinese	Journal	Dr. Mohamed S. Nafie	
181.	medicinal formula Fu Xin decoction against chronic heart failure by inhibiting the NLRP3/caspase-1/GSDMD pyroptotic pathway 2 rounds from Feb 2024 to Apr 2024 for Biomedicine & Pharmacotherapy	Journal	Dr. Mohamed S. Nafie	
182.	Design, synthesis and biological evaluation of novel LSM-83177 hydrazone analogues as anticancer agents against HT29 with dual impact on p53-mdm2 protein-protein interaction, and catalytic GST activity Reviewed: Apr 2024 for Journal of Enzyme Inhibition and Medicinal Chemistry.	Journal	Dr. Mohamed S. Nafie	
183.	Design, Synthesis and Biological Evaluation of Novel Gypsogenin Derivatives as Potential Anticancer and Antimicrobial Agents Reviewed: Mar 2024 for Chemistry and Biodiversity	Journal	Dr. Mohamed S. Nafie	
184.	Anticancer Peptides Derived from the Venom of Scorpions Inhabiting Arid Environments Reviewed: Mar 2024 for Catrina-the International Journal of Environmental Sciences.	Journal	Dr. Mohamed S. Nafie	

185.	Synthesis and Evaluation of New 1,2,3-triazole Alkyl Derivatives and Their Salts Against Breast Cancer Cells 2 rounds from Nov 2023 to Jan 2024 for ChemistrySelect	Journal	Dr. Mohamed S. Nafie	
186.	Repurposing sodium stibogluconate as an uracil DNA glycosylase inhibitor against prostate cancer using a time-resolved oligonucleotide-based drug screening platform 2 rounds from Nov 2023 to Jan 2024 for Bioorganic Chemistry	Journal	Dr. Mohamed S. Nafie	
187.	Synthesis and molecular docking simulations of novel azepines based on quinazolinone moiety as prospective antimicrobial and antitumor hedgehog signaling inhibitors 2 rounds from Oct 2023 to Dec 2023 for Scientific Reports	Journal	Dr. Mohamed S. Nafie	
188.	Enhanced anticancer potency of doxorubicin in combination with hydroxytyrosol in breast cancer cells Reviewed: Dec 2023 for Cancer Investigation	Journal	Dr. Mohamed S. Nafie	
189.	Discovery of Novel Pyridazine-Tethered Sulfonamides as Carbonic Anhydrase II Inhibitors for the Management of Glaucoma Reviewed: Dec 2023 for Journal of Medicinal Chemistry	Journal	Dr. Mohamed S. Nafie	
190.	A series of quinazolin-4 (3H)-one-morpholine hybrids as anti-lung-cancer agents: Synthesis, molecular docking, molecular dynamics, ADME prediction and biological activity studies 2 rounds from Nov 2023 to Nov 2023 for ChemistrySelect	Journal	Dr. Mohamed S. Nafie	
191.	Current scenario of 1,2,3-triazole-containing hybrids with anti-breast cancer therapeutic potential 2 rounds from Nov 2023 to Nov 2023 for Future Medicinal Chemistry	Journal	Dr. Mohamed S. Nafie	
192.	Selenium Alleviates Cyclophosphamide-induced Inflammation, Oxidative Stress, and Apoptosis Via Modulation of the Bax/Bcl-2 and Nrf2/Keap1 Signaling Pathways in Rat Reviewed: Nov 2023 for Environmental Science and Pollution Research	Journal	Dr. Mohamed S. Nafie	

	Cytotoxic Effects of Cobalt Oxide Nanoparticles Coated with Glucose and Conjugated with Ellagic Acid (Co3O4@Glu-Ellagic Acid NPs) on Human Liver Cancer Cell Line (HepG2) Reviewed: Nov 2023 for Heliyon			
193.	Thiophene Derivative Induces Cytotoxicity Via the Intrinsic Apoptotic Pathway on Human Acute Lymphoblastic Leukemia Cells 2 rounds from Sep 2023 to Nov 2023 for Plos One	Journal	Dr. Mohamed S. Nafie	
194.	Tannic Acid and Ethyl Gallate Potentialize Paclitaxel Effect on Microtubule Dynamics in Hep3B Cells 2 rounds from Sep 2023 to Oct 2023 for Pharmaceuticals	Journal	Dr. Mohamed S. Nafie	
195.	Synthesis and Preliminary Biological Evaluation of a Series of Heterocyclic N-substituted Derivatives of Alendronic Acid Reviewed: Jan 2024 for ACS Omega	Journal	Dr. Mohamed S. Nafie	
196.	Rational Design of PARP1/c-Met Dual Inhibitors for Overcoming PARP1 Inhibitor Resistance Induced by c- Met Overexpression Reviewed: Jan 2024 for Journal of Medicinal Chemistry	Journal	Dr. Mohamed S. Nafie	
197.	Design, Synthesis and Mechanistic Study of N-4-Piprazinyl Butyryl Thiazolidinedione Derivatives of Reviewed: Jan 2024 for Journal of King Saud University - Science	Journal	Dr. Mohamed S. Nafie	
198.	Development of Indonesian Traditional Herbal Medicine with Combination of Piper Crocatum, Zingiber Officinale, and Cinnamomum Burmanniextract for Anti-Diabetes Mellitus Treatment: In Vitro and In Vivo Study	Journal	Dr. Mohamed S. Nafie	
199.	Ciprofloxacin with Anticancer Activity Via Topoisomerase I/II Inhibition Reviewed: Feb 2024 for Scientific Reports	Journal	Dr. Mohamed S. Nafie	
200.	Saccharomyces cerevisiae Bioactive Metabolites: Characterization and Biological Activities 2 rounds from Jan 2024 to Feb 2024 for ChemistrySelect	Journal	Dr. Mohamed S. Nafie	

201.	Rhopalurus Junceus Scorpion Venom Induces G2/M Cell Cycle Arrest and Apoptotic Cell Death in Human Non-small Lung Cancer Cell Lines Reviewed: Feb 2024 for Frontiers in Pharmacology	Journal	Dr. Mohamed S. Nafie	
202.	Static magnetic field reduces the anticancer effect of hinokitiol on melanoma malignant cells –genes expression and redox homeostasis studies Reviewed: Feb 2024 for Pharmaceuticals	Journal	Dr. Mohamed S. Nafie	
203.	The N-(2-hydroxyphenyl)-2-propylpentanamide (HO-AAVPA) induce apoptosis and arrest cell cycle in breast cancer cells decreasing the GPER expression Reviewed: Feb 2024 for Journal of Enzyme Inhibition and Medicinal Chemistry	Journal	Dr. Mohamed S. Nafie	
204.	New 4-pyrazolylquinolinones with apoptotic antiproliferative effects as dual EGFR/BRAFV600E inhibitors. Reviewed: Feb 2024 for ACS Omega Study on the Mechanism of Brucea Javanica Against Cervical Cancer Reviewed: Feb 2024 for Frontiers in Pharmacology	Journal	Dr. Mohamed S. Nafie	
205.	Synthesis and identification of heterobivalent anticancer compounds containing urea and 5- arylidene-2-thiohydantoin motifs 2 rounds from Dec 2023 to Feb 2024 for ChemistrySelect	Journal	Dr. Mohamed S. Nafie	
206.	Antitumoral Evaluation of a Synthetic Naphthoquinone (2-N-glicine-1,4-naphthoquinone) on the Ehrlich's Tumor Model Using Swiss Male Mice Implantation: Toxicological Concerns Reviewed: Feb 2024 for Tissue and Cell	Journal	Dr. Mohamed S. Nafie	
207.	Discovery of a synthetic taiwaniaquinoid with potent in vitro and in vivo antitumor activity against breast cancer cells 2 rounds from Sep 2023 to Oct 2023 for Biomedicine & Pharmacotherapy	Journal	Dr. Mohamed S. Nafie	
208.	Potential molecular mechanisms of Huangqin Tang for liver cancer treatment by network pharmacology and molecular dynamics simulations	Journal	Dr. Mohamed S. Nafie	

	Reviewed: Oct 2023 for Computer Methods in Biomechanics and Biomedical Engineering			
CHAIR or Co-Chair (Total = 1)				
1.	Session Chair at the at the 1st Sharjah International Conference on Mathematical Science	Dr. Abdelaziz	April 4-6 2021	International community
2.	Dr. Ayssar Nahlé Chaired a conference session (Session 21) of the “14 th Conference of the Arab Union of Space and Astronomy Sciences”, organized by the University of Sharjah.	Dr. Ayssar Nahlé	November 16, 2023	International community
	14th Conference of the Arab Union of Space and Astronomy Sciences	Session Chair: Dr. Samar Damiaty	November 16, 2023	International community
Membership (Total = 14)				
1.	Emirati Chemical Society	Abdelaziz Elgamouz	2024	member
2.	ÖGMBT, Austria	Samar Damiaty	2011 - present	member
3.	American Chemical Society	Prof. Abdelnasser Kawde	2009 - Present	member
4.	FRSC (Fellow of the Royal Society of Chemistry, England, UK)	Dr. Ayssar Nahlé	1986 - Present	FRSC (Fellow of the Royal Society)
5.	Member, “Chemical Society”, Lebanon	Dr. Ayssar Nahlé	1990- Present	Member, “Chemical Society”, Lebanon
6.	Certified “ <i>Chemical Safety and Security Officer Trainer for Laboratory Settings</i> ” issued by: “ <i>Sandia National Laboratories, USA</i> ”.	Dr. Ayssar Nahlé	2011- Present	“Sandia National Laboratories, USA”
7.	Royal Society of Chemistry	Dr. Samar Damiaty	2024 - present	Member
8.	IEEE	Dr. Samar Damiaty	2021 - present	Member
9.	Emirati Chemical Society	Dr. Mohamed El-Naggar	2021-2024	member
10.	Bangladesh Chemical society	Dr. Kamrul Hasan	2016-	Member
11.	Emirati Chemical Society	Dr. Kamrul Hasan	2021-2024	member
12.	Emirati Chemical Society	Mrs. Azeera Abdul Rahim	2019 -present	Member
13.	Emirati Chemical Society	Prof. Raed Al-Qawasmeh	2023	member

14.	Jordanian Chemical society	Prof. Raed Al-Qawasmeh	2015-present	member
TPC (Total =)				
TV/NEWSPAPERS (Total = 4)				
1	Interview with UOS-Media published on social media	Ihsan	March 29, 2021	UAE community
2.	ابتكارات خلاقية لطلبة جامعة الشارقة ضمن «الإمارات تبتكر»	الدكتورة سمر دمياطي والدكتور أحمد المهدي والطالبة بثينة المشرع	16.02.2024	الاتحاد للأخبار
JUDGE (Total = 7)				
3.	Dr. Kamrul Hasan, Dr Tanveer Ul Haq, and Dr Mahreen Arooj Judging Posters in the Undergraduate Poster session	Workshop	May 25, 2024	Department of chemistry
4.	Mrs. Mona Kanj- Women in Research Forum, Youth Engagement committee member- coordinator and <u>Judge</u> for the senior projects.	Forum	30-31 st Aug. 2023	University Women in Research Forum
Public SPEAKER (Total = 0)				
5.				
EDITOR (Total = 19)				
1.	Insights in Micro- and Nano-fluidics	Samar Damiaty	On-going	Frontiers in Lab on a Chip Technologies Micro- and Nano-fluidics
	The Future of Lab on a Chip Technologies: An Early Career Scientists' Perspective	Topic Editor: Samar Damiaty	On-going	Frontiers in Lab on a Chip Technologies - Imaging and Detection
2.	<i>Organic and Medicinal Chemistry International Journal (OMCI)</i>	Ibrahim Abdel-Rahaman	On-going	Editorial Member
3.	<i>European Journal of Chemistry, Environment and Engineering Sciences</i> (EJCEES)	Ibrahim Abdel-Rahaman	On-going	Editorial Member
4.	<i>Annals of Chemical Science Research (ACSR)</i>	Ibrahim Abdel-Rahaman	On-going	An Honorable Associate Editorial Board member
5.	Arabian Journal of Chemical Environmental Research (AJCER)	Ibrahim Abdel-Rahaman	On-going	Editorial Member
6.	ISRN (International Scholarly Research Network) "Corrosion" journal	Dr. Ayssar Nahlé	On-going	Member, Editorial Board. 2011- Present
7.	"Journal of Chemistry and Applications"	Dr. Ayssar Nahlé	On-going	Member, Editorial Board

				2014- Present
8.	"Oriental Journal of Chemistry"	Dr. Ayssar Nahlé	On-going	Honorable Member of International Advisory Board 2018- Present
9.	"International Journal of Recent Developments in Sciences"	Dr. Ayssar Nahlé	On-going	Member, Editorial Board 2018- Present
10.	Journal of Applied Biology & Biotechnology".	Dr. Ayssar Nahlé	On-going	Member, Editorial Board 2018- Present
11.	"Region-Metals Journal"	Dr. Ayssar Nahlé	On-going	Member, Editorial Board 2018- Present
12.	"Materials Science: Advanced Industrial Materials"	Dr. Ayssar Nahlé	On-going	Member, Editorial Board 2018- Present
13.	"Organic Chemistry Plus" (OCP)	Dr. Ayssar Nahlé	On-going	Member, Editorial Board 2021- Present
14.	"Materials Chemistry and Physics"	Dr. Ayssar Nahlé	On-going	Editorial Manager (EM) 2020- Present
15.	Natural Products Chemistry & Research	Dr. Mohamed El-Naggar	On-going	Member, editorial board 2014-present
16.	Journal of Chemistry and Environment	Dr. Tanveer ul Haq	On-going	Editorial Board Member
17.	ACS Energy & Fuel Division	Dr. Tanveer ul Haq	On-going	Member
	Guest editor for special issue in "Metabolites, MDPI" https://www.mdpi.com/journal/metabolites/special_issues/Anti-Cancer_Agents_ADME_Pharmacokinetics	Dr. Mohamed S. Nafie	On-going	
18.	Review editor for Isolation and Purification "Frontiers in Natural Products".	Dr. Mohamed S. Nafie	On-going	
19.	Review editor for Organic Chemistry "Frontiers in Chemistry".	Dr. Mohamed S. Nafie	On-going	
ORGANIZER (Total = 8)				
1.	Women in Research Forum, Youth Engagement committee member-coordinator and Judge for the senior projects. 30-31 st Aug. 2023	Organizer, coordinator and jury for the student booth projects Mrs. Mona Kanj		

2.	"UOS Science Open Days" event, January 30th and 31st.	Organizer Mrs. Mona Kanj		
3.	On 10th Feb. 2024, organized and attended the College of Sciences Alumni gathering: AC2: Alumni Catalyst of Change.	Organizer Mrs. Mona Kanj		
4.	Organized "High School Chemistry Workshop"- 29 th Feb. 2024-took place in the chemistry laboratories. The high school workshop provided a comprehensive hands-on experience for students.	Organizer Mrs. Mona Kanj		
5.	Orientation day 27/9/2023 Dr. Mohamed El-Naggar	Organizer		
6.	14 th Annual UOS Open Days, May 1 st & 4 th	Member of the Organizing Committee at CoS		
7.	10 th Chemistry Festival Dr. Mahreen Arooj			
8.	workshop on Chemistry Research and Graduate Student Supervisory Opportunities Dr. Tanveer ul Haq			
External Committees (Total = 0)				
1				

*Event Types: Newspaper articles, TV & Radio, Seminars & Workshops, Public Lectures ...etc.

** look to previous section in 5.6 Student Extra-Curricular Activities

Please provide pictures of events
only preferentially pictures with
students

Students' awards

Award	Awarding body	Student Name	Photo
UAE Innovates award from the Chancellor of University of Sharjah - Prof. Humaid al Nuaimy for the contribution to innovation with the project- MarsSustainaCell.	UOS Chancellor	Saadiyah Liakhat Ali (BSc Chemistry Student)	
Sharjah Chamber Award for Innovators Competition 2024 for the project - MarsSustainaCell.	N/A	Saadiyah Liakhat Ali (BSc Chemistry Student)	

<p>Design for Future Higher Education Competition 2024 for the project- Blockchain Credentialing for Education under the theme 'Emerging Educational technologies'.</p>	<p>N/A</p>	<p>Saadiyah Liakhat Ali (BSc Chemistry Student)</p>	
<p>FANR Student Hackathon 2023 for the project - Nuclear Technology for Mars Mission</p>	<p>N/A</p>	<p>Saadiyah Liakhat Ali from the Department of Chemistry, Nabeel Muhammad Jasim from the Department of Applied Physics and Astronomy</p>	

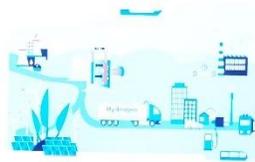
Senior students' presentations

Introduction

Hydrogen energy, with its remarkable energy density and zero-emission profile, stands as a beacon of ecological integrity amidst the fossil fuel crisis, offering a sustainable alternative across industries.

Its versatile applications in power generation, transportation, and energy storage position hydrogen as a compelling substitute for carbon-heavy fuels, driving a transformative shift towards sustainability.

By harnessing hydrogen's potential, we can mitigate environmental impact while meeting the urgent need for cleaner energy sources, paving the way for a greener, more sustainable future.



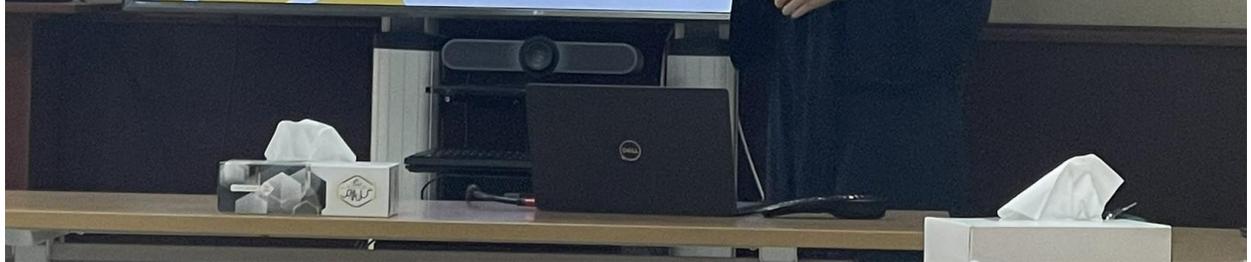
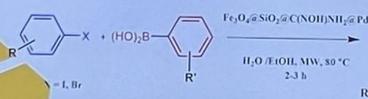
Suzuki coupling



Model reaction for optimizing the conditions



Substrate scope under optimized conditions

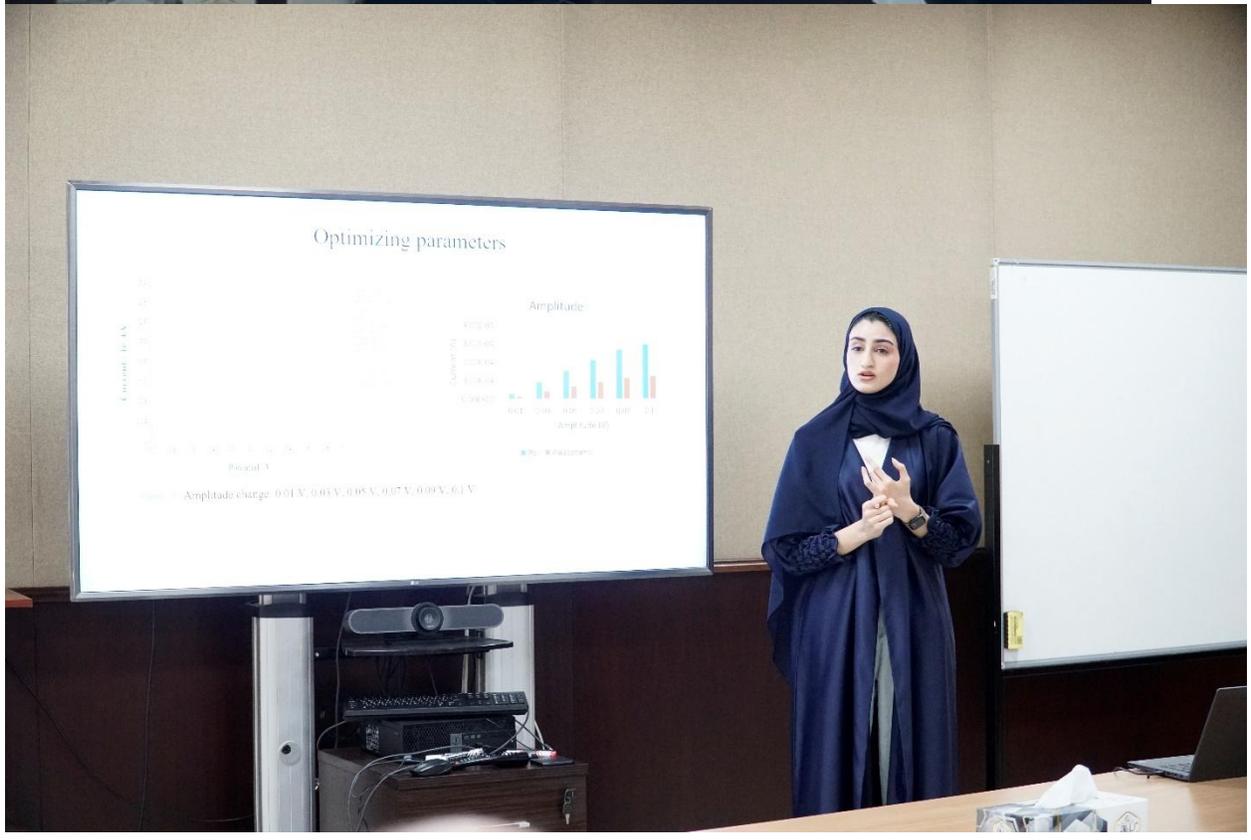
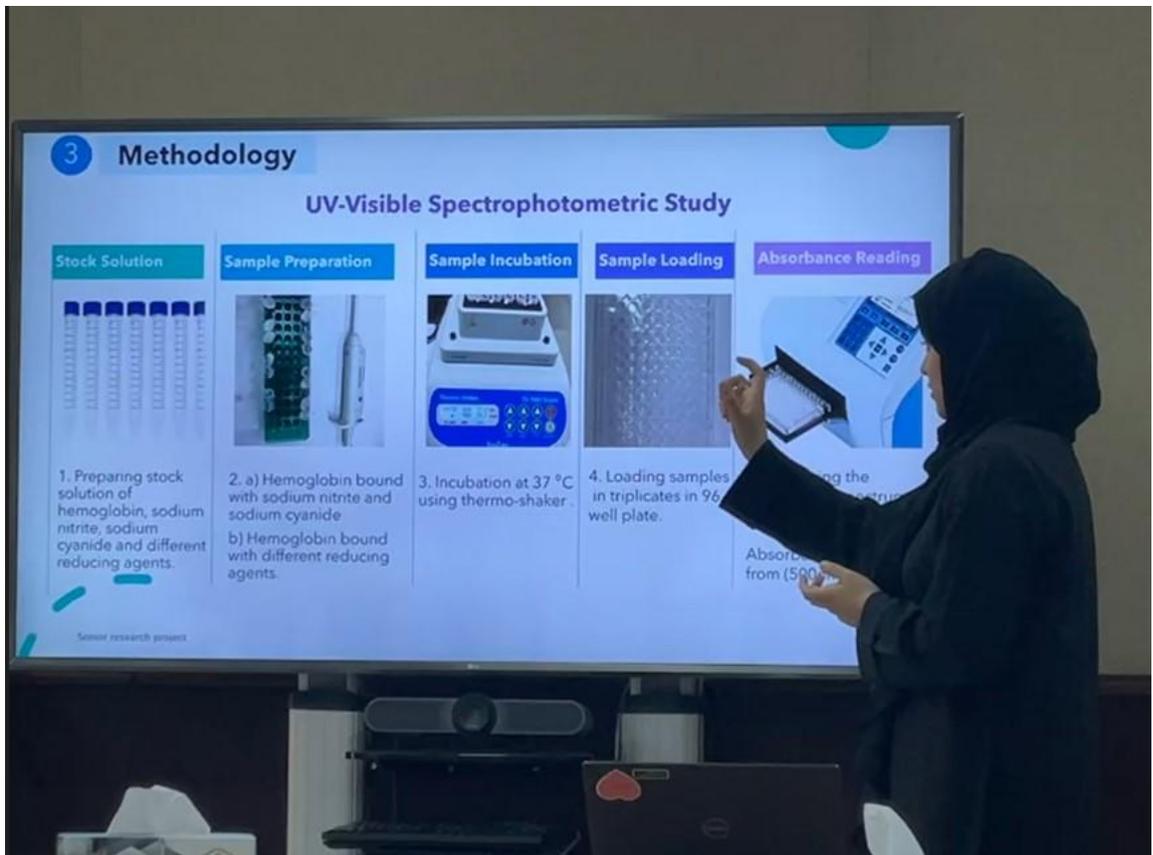






Synthesis and characterization of new
thiazole derivatives with potential
anticancer activity

Presented by: Ghufan Abed
Supervisor: Dr. Mohamed El-Naggar





-MSc thesis defenses



Methods of Detection

8- Hybrid methods

Anodic stripping voltammetry

Surface plasma resonance

9- Electrochemical methods

مجلسنا من
شؤون الامانة
والثقة
بمنهجنا التعليمي





10th Chemistry Festival







Open days 30-31/1 24



High School Workshop, Hands on experience at the chemistry Labs







Examples of certificates




جامعة الشارقة
UNIVERSITY OF SHARJAH

Certificate of Appreciation

This certificate is presented to
Dr. Abdelaziz Elgamouz

in recognition of their active participation in the University of Sharjah Innovation Week 2024,
held from 15 to 21 February 2024,
where they demonstrated a keen interest in innovation and the development of new ideas.
Wishing you more achievements and continuous success.


Professor Hamid M.E. Al Naimiy
Chancellor of the University of Sharjah

21-2-2024


جامعة الشارقة
UNIVERSITY OF SHARJAH


معهد القيادة
في التعليم العالي
INSTITUTE OF LEADERSHIP
IN HIGHER EDUCATION

Certificate of Completion

This is to certify that
Dr. ABDELAZIZ ELGAMOUZ

has successfully completed the training workshop (1.5 hours)
Student Advising at UoS: Stats & Facts
organized by the Institute of Leadership in Higher Education
September 13th, 2023


Prof. Maher Omar
Director, Institute of Leadership in Higher Education


جامعة الشارقة
UNIVERSITY OF SHARJAH


إدارة التسجيل
REGISTRATION DEPARTMENT

شهادة حضور

تشهد إدارة التسجيل بأن
د. عبدالعزيز الكموز

قد حضر/ت الجلسة التدريبية
"نظام الإرشاد الأكاديمي ونظام تسجيل حضور الطلبة باللغة العربية"
و التي أقيمت في فصل الخريف 2023/2024 بتاريخ 05/10/2023


رامى القاسبي
مدير إدارة التسجيل


جامعة الشارقة
UNIVERSITY OF SHARJAH


معهد القيادة
في التعليم العالي
INSTITUTE OF LEADERSHIP
IN HIGHER EDUCATION

Certificate of Completion

This is to certify that
Abdelaziz Elgamouz

has successfully completed the training workshop (2 hours)
**Promoting Academic Integrity at UOS:
Effective Strategies for Addressing Students' Misconduct**
organized by the Institute of Leadership in Higher Education
February 19th, 2024


Prof. Maher Omar
Director, Institute of Leadership in Higher Education


جامعة الشارقة
UNIVERSITY OF SHARJAH

Certificate of Attendance

The Office of the Vice Chancellor for Research and Graduate Studies presents
sincere gratitude and appreciation to

Dr. Abdelaziz Elgamouz

for attending the workshop titled:
"Patents and Technology Transfer"
Thursday March 7th, 2024
Wishing you continued success


Prof. Maamar Bettayeb
Vice Chancellor for Research & Graduate Studies


جامعة الشارقة
UNIVERSITY OF SHARJAH

جامعة الشارقة
مكتب نائب مدير الجامعة لشؤون
البحث العلمي والدراسات العليا
كلية الدراسات العليا

Certificate of Attendance

Tanveer Haq

The College of Graduate Studies would like to thank you for attending the workshop
"Unlocking Potential: A Workshop on Effective Mentoring, Coaching,
and Feedback for Graduate Students"
That was held on 04/02/2024 from 12:00PM to 02:00PM
We wish you success in your future endeavors.


Prof. Raafat El-Awady
Dean, college of Graduate Studies


كليات التقنية العليا
Higher Colleges of Technology


IEEE

ASET 2024
ADVANCES IN SCIENCE &
ENGINEERING TECHNOLOGY | HCT - Dubai Men's Campus
June 3 - 5

CERTIFICATE OF PARTICIPATION

This certificate is presented to
Abdelaziz Elgamouz

As an author presenting at the 6th International Multiconference on Advances in Science and Engineering Technology (ASET 2024)

Conference: The International Conference on Bioengineering Engineering - 2024 Advances in Science and Engineering Technology (ASET)

Paper Title: UAE Clay Membrane used with Green Synthesized Silver Nanoparticles Assisted Lead Removal From Waste Water


Professor Dietmar Henssen
Executive Dean
Faculty of Engineering Technology and Science
Higher Colleges of Technology


جامعة الشارقة
UNIVERSITY OF SHARJAH


كلية العلوم
COLLEGE OF SCIENCES

**CERTIFICATE
OF APPRECIATION**

Presented to
Dr. Abdelaziz Elgamouz

has contributed as a chairperson in "The First Sharjah International Conference on
Mathematical Sciences" (SICMS23) during November 6th to November 8th 2023, held at the
University of Sharjah.


Dr. Firas Ghannam
(Chair of the Department of Mathematics)


Prof. Nasser Taher
(Dean of the College of Sciences)


 جامعة الشارقة
 UNIVERSITY OF SHARJAH

Certificate of Attendance

The Biomass & Bioenergy Research Group, the Energy & Power Systems Research Center, and the
 Research Institute of Science & Engineering at the University of Sharjah
 Certify that

Dr. Abdelaziz Elgamouz

Has successfully attended and contributed to the
1st International Symposium for Sustainable Waste Management & Resource Recovery
 21 May 2023


 Dr. Mohamed Abdallah
 Symposium Chair


 Prof. Chaouki Ghemal
 Research Group Coordinator


 جامعة الشارقة
 UNIVERSITY OF SHARJAH


 معهد القيادة
 في التعليم العالي
 INSTITUTE OF LEADERSHIP
 IN HIGHER EDUCATION

Certificate of Completion

This is to certify that

Kamrul Hasan

has successfully completed the training workshop (1.5 hours)
Student Advising at UoS: Stats & Facts
 organized by the Institute of Leadership in Higher Education
 September 13th, 2023


Prof. Maher Omar
 Director, Institute of Leadership In Higher Education


 جامعة الشارقة
 UNIVERSITY OF SHARJAH


 معهد القيادة
 في التعليم العالي
 INSTITUTE OF LEADERSHIP
 IN HIGHER EDUCATION

Certificate of Completion

This is to certify that

Kamrul Hasan

has successfully completed the training workshop (2 hours)
AI Technologies in Creating Content
 organized by the Institute of Leadership in Higher Education
 September 26th, 2023


Prof. Maher Omar
 Director, Institute of Leadership In Higher Education


 جامعة الشارقة
 UNIVERSITY OF SHARJAH


 معهد القيادة
 في التعليم العالي
 INSTITUTE OF LEADERSHIP
 IN HIGHER EDUCATION

Certificate of Completion

This is to certify that

Kamrul Hasan

has successfully completed the training workshop (1.5 hours)
ChatGPT for Researchers: Tools and Techniques
 organized by the Institute of Leadership in Higher Education
 September 27th, 2023


Prof. Maher Omar
 Director, Institute of Leadership In Higher Education


 جامعة الشارقة
 UNIVERSITY OF SHARJAH


 إدارة التسجيل
 REGISTRATION DEPARTMENT

Certificate of Attendance

The Registration Department certifies that

Kamrul Hasan

Has attended the training session
"Academic Advising System and Student Attendance System(English)"
 Conducted in Fall Semester 2023/2024 on 04/10/2023.


زيم الفايثي
 مدير إدارة التسجيل


 جامعة الشارقة
 UNIVERSITY OF SHARJAH


 إدارة التسجيل
 REGISTRATION DEPARTMENT

Certificate of Attendance

The Registration Department certifies that

Kamrul Hasan

Has attended the training session
"Undergraduate Bylaws and Registration Policies (English)"
 Conducted in Fall Semester 2023/2024 on 19/10/2023.


زيم الفايثي
 مدير إدارة التسجيل


 جامعة الشارقة
 UNIVERSITY OF SHARJAH


 معهد القيادة
 في التعليم العالي
 INSTITUTE OF LEADERSHIP
 IN HIGHER EDUCATION

Certificate of Completion

This is to certify that

Kamrul Hasan

has successfully completed the training workshop (1 hour)
Faculty Peer Observation of Teaching
 organized by the Institute of Leadership in Higher Education
 October 31th, 2023


Prof. Maher Omar
 Director, Institute of Leadership In Higher Education


 جامعة الشارقة
 UNIVERSITY OF SHARJAH


 معهد القيادة
 في التعليم العالي
 INSTITUTE OF LEADERSHIP
 IN HIGHER EDUCATION

Certificate of Completion

This is to certify that

Kamrul Hasan

has successfully completed the training workshop (2 hours)
Faculty AI Tools: Magic School AI
 organized by the Institute of Leadership in Higher Education
 February 22nd, 2024


Prof. Maher Omar
 Director, Institute of Leadership In Higher Education

Certificate of Completion

This is to certify that

Kamrul Hasan

has successfully completed the training workshop (1 hour)

Reflection and diversity: Essential pedagogical ingredients to enhance students' thoughtful learning and transferable skills

organized by the Institute of Leadership in Higher Education

March 21st, 2024



Prof. Maher Omar
Director, Institute of Leadership in Higher Education

Certificate of Appreciation

The University of Sharjah presents sincere gratitude and appreciation to

Dr. Kamrul Hasan

for their outstanding contribution to the
"COP28 UAE-United Nations Climate Change Conference"

Nov 30, 2023 – Dec 12, 2023

CERTIFICATE OF APPRECIATION

The Department of Chemistry extends its sincere appreciation to

Dr. Kamrul Hasan

For his great efforts and services in the UOS 14th Annual Open Day on 30th and 31st of January 2024



Prof. Abdelnasser Metwally
Chair of the Department of Chemistry

REVIEW CONFIRMATION CERTIFICATE

We are pleased to confirm that

Kamrul Hasan

has reviewed 7 papers for the following MDPI journals in the period 2023-2024:

Magnetochemistry, Reactions, Catalysts, Processes, Micromachines



Dr. Sha-Kun Lin, Publisher and President
Basel, 6 June 2024



MDPI is a publisher of open access, international, academic journals. We rely on active researchers, highly qualified in their field to provide review reports and support the editorial process. The criteria for selection of reviewers include holding a doctoral degree or having an equivalent amount of research experience, a national or international reputation in the relevant field, and having made a significant contribution to the field, evidenced by peer-reviewed publications.

Certificate of Recognition

The Office of the Vice Chancellor for Research and Graduate Studies presents sincere gratitude and appreciation to

Ms. Mona Kanj

In recognition of your outstanding contributions to the 4th Forum for Women in Research "QUWA: Sustaining Women's Empowerment in Research & Innovation" 30-31 August 2023



Prof. Maamar Bettayeb

Vice Chancellor for Research & Graduate Studies

Wishing you continued success

Certificate of Completion

This is to certify that

Dr. Mahreen Arooj

has successfully completed the training workshop (2 hours)

Teaching with Technology: Enhancing Classroom Experience

organized by the Institute of Leadership in Higher Education

September 18th, 2023



Prof. Maher Omar
Director, Institute of Leadership in Higher Education

Certificate of Completion

This is to certify that

Dr.Mahreen Arooj

has successfully completed the training workshop (1 hour)

Reflection and diversity: Essential pedagogical ingredients to enhance students' thoughtful learning and transferable skills

organized by the Institute of Leadership in Higher Education

March 21st, 2024



Prof. Maher Omar
Director, Institute of Leadership In Higher Education

Certificate of Completion

This is to certify that

Dr.Mahreen Arooj

has successfully completed the training workshop (1 hour)

Brown Bag: Faculty Mentoring Program

organized by the Institute of Leadership in Higher Education

November 8th, 2023



Prof. Maher Omar
Director, Institute of Leadership In Higher Education



Certificate of Attendance

The Registration Department certifies that

Dr.Mahreen Arooj

Has attended the training session

"Undergraduate Bylaws and Registration Policies (English)"

Conducted in Fall Semester 2023/2024 on 19/10/2023.



ريم الهاشمي
مدير إدارة التسجيل

Congratulations

You Have Completed
SAFETY DATA SHEETS

Mahreen Arooj

Thu Sep 07 2023 04:14 AM



Referenced Standards: 29 CFR 1910.1200



Certificate of Recognition

The College of Sciences presents its sincere gratitude and appreciation to

Mrs. Mona Kanj

for the tremendous help and support provided in organizing the
College of Sciences Alumni Gathering

February 10th, 2024



Prof. Nour Tabet
Dean, College of Sciences

CERTIFICATE OF APPRECIATION

The College of Sciences extends its sincere appreciations to

Mrs. Mona Kanj

For her outstanding service to the Department of Chemistry
during the Academic Year 2023/2024


Prof. Nour Tabet
Dean of College of Sciences

Certificate of Attendance

The Medical Education Center certifies that

Mohamed S. Nafie

has attended the workshop titled

Utilizing Artificial Intelligence in Research and Academic Writing

on 30th April 2024



Dr. Mohamed Hassan Taha
Director Medical Education Center
University of Sharjah



Dr. Wiam Elshami
Chair Faculty Development Committee
Associate Professor
College of Health Sciences
University of Sharjah

Certificate of Attendance

The Office of the Vice Chancellor for Research and Graduate Studies presents sincere gratitude and appreciation to

Dr. Mohamed S. Nafie

for attending the workshop titled:
"Patents and Technology Transfer"

Thursday March 7th, 2024

Wishing you continued success



Prof. Maamar Bettegeb
Vice Chancellor for Research & Graduate Studies



Certificate of Appreciation

Presented to:

Dr. Mohamed Shaban Nafie El Sayed

For being a valuable member of the Organizing Committee in

"The Chemistry Workshop: Hands-on Experience for High School Students"

Hosted by the Department of Chemistry on Thursday
29th Feb., 2024



جامعة الشارقة
COLLEGE OF SCIENCES



Prof. Abdelnasser Metwally Aly Kawde
Chairman of the Department of Chemistry

Certificate of Attendance

The Office of the Vice Chancellor for Research and Graduate Studies presents sincere gratitude and appreciation to

Dr. Mohamed S. Nafie El Sayed

for attending the workshop titled:
"Your Guide to Scopus Journals"

Thursday, February 12th, 2023

Wishing you continued success



Prof. Maamar Bettegeb
Vice Chancellor for Research & Graduate Studies



Certificate of Attendance

Dr. Mohamed S. Nafie

The College of Graduate Studies would like to thank you for attending the workshop
"الإقتباس/الانتحال العلمي"

That was held on 10/03/2024 from 11:00AM to 01:00PM
We wish you success in your future endeavors.



جامعة الشارقة
UNIVERSITY OF SHARJAH

جامعة الشارقة
مكتب نائب مدير الجامعة للشؤون
البحث العلمي والدراسات العليا
كلية الدراسات العليا



Prof. Raafat El-Awady
Dean, college of Graduate Studies

CERTIFICATE OF APPRECIATION

The Department of Chemistry extends its sincere appreciation to

Dr. Mohamed Shaban Nafie El Sayed

For his great efforts and services in the UOS 14th Annual Open Day
on 30th and 31st of January 2024



Prof. Abdelnasser Metwally
Chair of the Department of
Chemistry





WILEY

Top Cited Article 2022-2023

Congratulations to:

Mohamed S. Nafie

whose paper has been recognized as a top cited paper* in:

CHEMICAL BIOLOGY & DRUG DESIGN

Quinoline-based thiazolidinone derivatives as potent cytotoxic and apoptosis-inducing agents through EGFR inhibition

*Among work published between 1 January 2022 - 31 December 2023.

Certificate of Attendance

The Registration Department certifies that

Mrs. Azeera Abdul Rahim

Has attended the training session
"Academic Advising System and Student Attendance System(English)"

Conducted in Fall Semester 2023/2024 on 04/10/2023.



REGISTRATION DEPARTMENT
جامعة الشارقة
UNIVERSITY OF SHARJAH



زيم الفاضلي
مدير إدارة التسجيل

Certificate of Completion

This is to certify that

Mrs. Azeera Abdul Rahim

has successfully completed the training workshop (2 hours)

AI Technologies in Creating Content

organized by the Institute of Leadership in Higher Education

September 26th, 2023



Prof. Maher Omar
Director, Institute of Leadership in Higher Education

Certificate of Completion

This is to certify that

Mrs. Azeera Abdul Rahim

has successfully completed the training workshop (1 hour)

Brown Bag: Faculty Mentoring Program

organized by the Institute of Leadership in Higher Education

November 8th, 2023



Prof. Maher Omar
Director, Institute of Leadership in Higher Education

Certificate of Completion

This is to certify that

Mrs. Azeera Abdul Rahim

has successfully completed the training workshop (1.5 hours)

Strengthening Students' Learning Using Feedback and Feedforward

organized by the Institute of Leadership in Higher Education

November 6th, 2023



Prof. Maher Omar
Director, Institute of Leadership in Higher Education

Certificate of Completion

This is to certify that

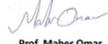
Mrs. Azeera Abdul Rahim

has successfully completed the training workshop (1 hour)

Faculty Peer Observation of Teaching

organized by the Institute of Leadership in Higher Education

October 31th, 2023



Prof. Maher Omar
Director, Institute of Leadership in Higher Education



 معهد القيادة
 في التعليم العالي
 INSTITUTE OF LEADERSHIP
 IN HIGHER EDUCATION

Certificate of Attendance

The Registration Department certifies that

Mrs. Azeera Abdul Rahim

Has attended the training session

"Undergraduate Bylaws and Registration Policies (English)"

Conducted in Spring Semester 2023/2024 on 24/04/2024.


 يوم الغاطشي
 مدير إدارة التسجيل

Certificate of Completion

This is to certify that

Mrs. Azeera Abdul Rahim

has successfully completed the training workshop (1 hour)

Exam Rules, Regulations, and Academic Integrity

organized by the Institute of Leadership in Higher Education

October 4th, 2023



Prof. Maher Omar
Director, Institute of Leadership in Higher Education


 معهد القيادة
 في التعليم العالي
 INSTITUTE OF LEADERSHIP
 IN HIGHER EDUCATION

Congratulations

You Have Completed
FIRE SAFETY

Azeera Abdul Rahim

Sat Sep 09 2023 02:28 PM


 معهد القيادة
 في التعليم العالي
 INSTITUTE OF LEADERSHIP
 IN HIGHER EDUCATION


 CBU 0.1
 International
 Accredited
 Institute of Leadership
 in Higher Education


 SafetySkills
 Work Smarter

Referenced Standards: 29 CFR Subpart E - Exit Routes and Emergency Planning and Support I - Fire Protection

<https://iuh.ac.ae/leadership>

Certificate of Completion

This is to certify that

Mrs. Azeera Abdul Rahim

has successfully completed the training workshop (1.5 hours)

ChatGPT for Researchers: Tools and Techniques

organized by the Institute of Leadership in Higher Education

September 27th, 2023



Prof. Maher Omar
Director, Institute of Leadership in Higher Education



CERTIFICATE OF APPRECIATION

The Department of Chemistry extends its sincere appreciation to

Mrs. Azeera Abdul Rahim

For her great efforts and services in the UOS 14th Annual Open Day on 1st and 4th of May 2024



Prof. Abdelnasser Metwally
 Chair of the Department of Chemistry

Congratulations
 You Have Completed
LABORATORY CHEMICAL WASTE MANAGEMENT (RCRA)

Azeera Abdul Rahim
 Tue Dec 05 2023 07:10 AM




Referenced Standards: Resource Conservation and Recovery Act of 1976, 40 CFR Part 262 Subpart K Managing Hazardous Waste at Academic Laboratories Rulemaking


Congratulations
 You Have Completed
ELECTRICAL SAFETY / NFPA 70E IN RESEARCH AND EDUCATION

Azeera Abdul Rahim
 Sun Feb 25 2024 05:26 AM




Referenced Standards: NFPA 70E 2021; 29 CFR 1910 Subpart S and 1926 Subpart K


Congratulations
 You Have Completed
LABORATORY SAFETY

Azeera Abdul Rahim
 Fri Sep 29 2023 07:06 PM




Referenced Standards: OSH Act section(a)(3) General Duty Clause, 29 CFR 1910 Subpart Z, 1910 Subpart Z, 1910.1000, 1200 & 1400


Congratulations
 You Have Completed
EMERGENCY RESPONSE

Azeera Abdul Rahim
 Thu Feb 22 2024 09:24 AM




Referenced Standards: 29 CFR 1910.39


Congratulations
 You Have Completed
SAFETY DATA SHEETS

Azeera Abdul Rahim
 Fri Sep 29 2023 07:30 PM




Referenced Standards: 29 CFR 1910.1200



UNIVERSITY OF SHARJAH

CERTIFICATE OF APPRECIATION

The Department of Chemistry extends its sincere appreciation to

Mrs. Azeera Abdul Rahim

For his great efforts and services in the UOS 14th Annual Open Day on 30th and 31st of January 2024


Prof. Abdelnasir Al-Abdulla
Chair of the Department of Chemistry

Congratulations

You Have Completed
LABORATORY SAFETY - CHEMICAL HAZARDS

Azeera Abdul Rahim

Thu Feb 22 2024 04:55 AM

 
CENTRAL LABORATORIES DIRECTORATE


CEU: 0.1
03b5b897-f543-42

Referenced Standards: OSHA General Duty Clause Section 5(a)(1); 29 CFR 1910.1200; 29 CFR 1910.132-134; 29 CFR 1910.1450; 29 CFR 1910, subpart Z


UNIVERSITY OF SHARJAH

Certificate of Attendance

The Office of the Vice Chancellor for Research and Graduate Studies presents sincere gratitude and appreciation to

Prof. Raed A. Al-Qawasmeh

for attending the workshop titled:
"Your Guide to Scopus Journals"

Monday, February 12th, 2024

Wishing you continued success


Prof. Maamar Bettayeb
Vice Chancellor for Research & Graduate Studies


UNIVERSITY OF SHARJAH

Certificate of Attendance

The Office of the Vice Chancellor for Research and Graduate Studies presents sincere gratitude and appreciation to

Mrs. Azeera Abdul Rahim

For attending the first day of the 4th Forum for Women in Research "QUWA: Sustaining Women's Empowerment in Research & Innovation" 30-31 August 2023


Prof. Maamar Bettayeb
Vice Chancellor for Research & Graduate Studies

Strategic Partner:  Energy Partner:  Global Partners:     Medical Partners:


UNIVERSITY OF SHARJAH

Certificate of Attendance

The Office of the Vice Chancellor for Research and Graduate Studies presents sincere gratitude and appreciation to

Prof. Raed A. Al-Qawasmeh

for attending the workshop titled:
"Patents and Technology Transfer"

Thursday March 7th, 2024

Wishing you continued success


Prof. Maamar Bettayeb
Vice Chancellor for Research & Graduate Studies


UNIVERSITY OF SHARJAH

CERTIFICATE OF ATTENDANCE

THIS CERTIFICATE IS AWARDED TO

raed AlQawasmeh

Library Orientation Session

Virtual Session - Zoom
04-September-2023


NADIA MASOUD
DIRECTOR OF LIBRARIES
UNIVERSITY OF SHARJAH

Certificate ID: 701

 <p style="text-align: center;">CERTIFICATE OF APPRECIATION</p> <p style="text-align: center;">is presented to</p> <p style="text-align: center;">Raed AL Qawasmeh</p> <p style="text-align: center;">In recognition to your contribution as session chair at the 14th Arabic Conference of the Arab Union for Astronomy and Space Sciences which was held on November 13-16, 2023 at the University of Sharjah, United Arab Emirates</p>  <p style="text-align: right;">Dr. Hussein M Elmehdi Chairman/Organizing Committee</p>	 <p style="text-align: center;">CERTIFICATE OF PARTICIPATION</p> <p style="text-align: center;">The Organizing Committee of the 10th Chemistry Festival "Chemistry for Sustainability" is delighted to award</p> <p style="text-align: center;">Raed Abdallah AL Qawasmeh</p> <p style="text-align: center;">for his/her valuable contribution in the success of the festival October 09, 2023</p>  <p style="text-align: center;">Prof. Abdelnasser Kawde Chair, Department of Chemistry</p>  <p style="text-align: center;">Dr. Mahreen Arooj Chair, Organizing Committee</p>
 <p style="text-align: center;">CERTIFICATE OF ATTENDANCE</p> <p style="text-align: center;">This is to certify that</p> <p style="text-align: center;">Prof. Raed Abdallah AL Qawasmeh</p> <p style="text-align: center;">has attended the "3D Printing Workshop: Hands-On-Training" In recognition to his attendance this certificate was awarded Tuesday, April 30th, 2024</p>  <p style="text-align: right;">Prof. Nouar Tabet Dean of College of Sciences</p>	 <p style="text-align: center;">CERTIFICATE OF APPRECIATION</p> <p style="text-align: center;">The Department of Chemistry extends its sincere appreciation to</p> <p style="text-align: center;">Prof. Raed A. Al-Qawasmeh</p> <p style="text-align: center;">For his great efforts and services in the UOS 14th Annual Open Day on 30th and 31st of January 2024</p>  <p style="text-align: right;">Prof. Abdelnasser Metwally Chair of the Department of Chemistry</p>
 <p>University of Sharjah Office of Vice Chancellor for Research and Graduate Studies College of Graduate Studies</p> <p style="text-align: center;">Certificate of Attendance</p> <p style="text-align: center;">Prof. Raed A. Al-Qawasmeh</p> <p>The College of Graduate Studies would like to thank you for attending the workshop "التعليمات التنفيذية واللوائح الخاصة بالدراسات العليا (برامج الماجستير)" That was held on 08/10/2023 from 11AM to 1PM We wish you success in your future endeavors.</p>  <p style="text-align: right;">Prof. Raafat El-Awady Dean, college of Graduate Studies</p>	 <p style="text-align: center;">Certificate of Attendance</p> <p style="text-align: center;">The Office of the Vice Chancellor for Research and Graduate Studies presents sincere gratitude and appreciation to</p> <p style="text-align: center;">Prof. Raed A. Al-Qawasmeh</p> <p style="text-align: center;">for attending the workshop titled: "Patents and Technology Transfer" Thursday March 7th, 2024 Wishing you continued success</p>  <p style="text-align: center;">Prof. Maamar Bettayeb Vice Chancellor for Research & Graduate Studies</p>

Certificate of Completion

This is to certify that

Bassam Rashed

has successfully completed the training workshop (2 hours)

AI Technologies in Creating Content

organized by the [Institute of Leadership in Higher Education](#)

September 26th, 2023


Prof. Maher Omar

شكر وتقدير
سرور

تقدمه جامعة الشارقة إلى

الأستاذ / بسام راشد خضر

كلية العلوم

وذلك لغوره بجائزة جامعة الشارقة التشجيعية السنوية لأعضاء هيئة التدريس المتميزين في مجال

التدريس (2023/2024م)

متمنين لها مزيداً من التقدم والعطاء

From: Jawaher Al Aljasmī <jaljasmi@sharjah.ac.ae>

Sent: Thursday, November 9, 2023 11:23 AM

To: Mohammed Mansour <mansour@sharjah.ac.ae>

Subject: Planetarium Booking

Dear Dr. Mohammed,

I hope this email finds you in good health.

I wanted to confirm the upcoming visit of your students to the planetarium for the Deen Alqayemah show scheduled on **November 27th at 1 p**

We are looking forward to welcome you and your students.

regards,
Jawaher



Jawaher Al Aljasmī

Administrative Assistant

Exhibitions and Dome Affairs

Sharjah Academy for Astronomy, Space Sciences &
Technology

T: +97165166101 | E: jaljasmi@sharjah.ac.ae | W:
www.saasst.ae



From: Tahani Ibrahim Raghebi Al Sarayreh <talsarayreh@sharjah.ac.ae>

Sent: Friday, November 10, 2023 1:52:13 PM

To: Mohammed Mansour <mansour@sharjah.ac.ae>; Daniil Moraitis <dmoraitis@sharjah.ac.ae>; Abdul Raheem Khudada Al Zubaidy <aalzubaidy@sharjah.ac.ae>; Saja Ibrahim

Abdulhadi <sabduhadi@sharjah.ac.ae>

Cc: Mounir Kaidi <mkaidi@sharjah.ac.ae>; Fatima Mohamed Al Yassi <falyassi@sharjah.ac.ae>; Nawal Nayfeh <nawalnayfeh@sharjah.ac.ae>

Subject: Re: Planetarium Booking

thank you Mr Mohammed for your help.
please consider me and Nawal to guide students.

Best Regards

LIST OF ACTIVITIES



Activity title	Activity date
Physics Students Gathering	20/09/2023
Beginning of the academic year department's Lunch	28/11/2023
Welly Prizes winners' celebration	8/11/2023
Organize visit to SASST for the department students	27/11/2023
Physics horizon	8/2/2024
Light lunch	7/3/2024
Visit Prof. Gehad	23/01/2024
Congrats Prof. Nouar after surgery	11/12/2023
End of the year lunch, farewell Prof. Bashir and Dr. Rachik	20/5/2024



معهد القيادة
في التعليم العالي
INSTITUTE OF LEADERSHIP
IN HIGHER EDUCATION

Certificate of Completion

This is to certify that

Nawal Nayfeh

has successfully completed the training workshop (1.5 hours)

Exploring a New One-Stop-Solution for:
Online & Paper-Based Exams with Detailed Analytics
organized by the Institute of Leadership in Higher Education

April 23th, 2024

Prof. Maher Omar



إدارة التسجيل
REGISTRATION DEPARTMENT

Certificate of Attendance

The Registration Department certifies that

Nawal Nayfeh

Has attended the training session

"Academic Advising System and Student Attendance System(English)"

Conducted in Fall Semester 2023/2024 on 04/10/2023.



ريم الهاشمي
مدير إدارة التسجيل



معهد القيادة
في التعليم العالي
INSTITUTE OF LEADERSHIP
IN HIGHER EDUCATION

Certificate of Completion

This is to certify that

Nawal Nayfeh

has successfully completed the training workshop (1 hour)

Exam Rules, Regulations, and Academic Integrity

organized by the Institute of Leadership in Higher Education

October 4th, 2023

Prof. Maher Omar

Director, Institute of Leadership In Higher Education



شكراً
سر

تقدمه جامعة الشارقة إلى

الأستاذ / عمر محمد عدوان

كلية العلوم

وذلك لغوزه بجائزة جامعة الشارقة التشجيعية السنوية لأعضاء هيئة التدريس المتميزين في مجال
خدمة الجامعة والمجتمع (2023/2024م)

متمنين له مزيداً من التقدم والعطاء

أ.د. حميد مجول النعيمي
مدير جامعة الشارقة

حررت بتاريخ: 20 مايو 2024م



شكر وتقدير

تتقدم جامعة الشارقة بجزيل الشكر والامتنان إلى

أ. عمر عدوان

تقديراً لمشاركتكم الفعّالة في إنجاح المؤتمر الثالث لرؤساء الجامعات في
اتحاد الجامعات العربية والروسية، الذي عُقد في رحاب الجامعة خلال يومي
31 مايو - 01 يونيو 2023

متمنين لكم دوام التوفيق والنجاح

أ.د. حميد مجول النعيمي
مدير جامعة الشارقة



شكراً

تتقدم جامعة الشارقة بالشكر والامتنان إلى

م. عمر عدوان

(منسق اللجنة التنظيمية للمؤتمر)

على مساهمتكم الفاعلة في إنجاح المؤتمر العربي الرابع عشر في
علوم الفضاء والفلك ، والذي عُقد في رحاب جامعة الشارقة بدولة
الإمارات العربية المتحدة من 13 إلى 16 نوفمبر 2023م.

أ.د حميد مجول النميمي
مدير جامعة الشارقة



ميجا مول
mega mall

DESIGN FOR
FUTURE HIGHER EDUCATION
STUDENT COMPETITION 2024



CERTIFICATE OF APPRECIATION

presented to

DR. OMAR ADWAN

in recognition of his invaluable contribution as a member of
the **Judging Panel** for **Design for Future Higher Education
Competition 2024** at the University of Sharjah (UoS),
Sharjah, UAE.

25th April 2024

Date

Prof. Maher Omar
Director, Institute of
Leadership in Higher Education

CERTIFICATE OF RECOGNITION

This Certificate of Recognition is awarded to

Mr. Omar Adwan

for his exceptional contributions to the College of Sciences, University of Sharjah. Your involvement in committees, supervision of student activities, community service, and students' recruitment has greatly enhanced our academic community and beyond. Your dedication reflects the highest standards of excellence and professional integrity


Prof. Nouar Tabet
Dean of College of Sciences



Certificate of Appreciation

The University of Sharjah presents sincere gratitude and appreciation to

Dr. Omar Adwan

For his outstanding contribution to the
**"1st International Conference on Applied Research in Humanities & Social
Sciences: Multidisciplinary Global Practices"**

October 31st – November 2nd, 2023

Wishing you continued success.

Professor Hamid M.K. Al Naimiy
Chancellor of the University of Sharjah

Congratulations

You Have Completed
OFFICE SAFETY

Omar Adwan

Sun Mar 12 2023 10:11 AM



إدارة المختبرات المركزية
CENTRAL LABORATORIES
DIRECTORATE

CEU: 0.1



SafetySkills®
Work Smarter

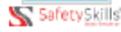
04371d10-75aa-484f-b8f8-6312fc304975

Referenced Standards: OSHA's General Duty Clause

Omar Adwan
Has Completed
Office Safety
On: Sun Mar 12 2023 10:11 AM



CEU: 0.1



04371d10-75aa-484f-
b8f8-6312fc304975

Referenced Standards: OSHA's General Duty
Clause

Congratulations

You Have Completed
DRIVER SAFETY

Omar Adwan

Sun Mar 12 2023 10:42 AM



إدارة المختبرات المركزية
CENTRAL LABORATORIES
DIRECTORATE



Referenced Standards: OSHA General Duty Clause Section 5(a)(1)

CEU: 0.1
6d7b58a6-ff8d-40de-b23f-1ffce777d7c5

Omar Adwan
Has Completed
Driver Safety
On Sun Mar 12 2023 10:42 AM



CEU: 0.1



Referenced Standards: OSHA General Duty Clause
Section 5(a)(1)

6d7b58a6-ff8d-40de-
b23f-1ffce777d7c5

Congratulations

You Have Completed
OFFICE ERGONOMICS

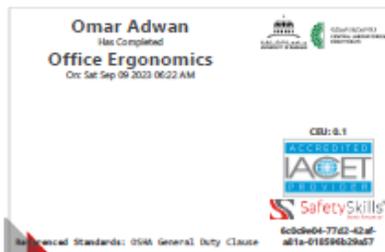
Omar Adwan

Sat Sep 09 2023 06:22 AM



إدارة المختبرات المركزية
CENTRAL LABORATORIES
DIRECTORATE

Referenced Standards: OSHA General Duty Clause



Congratulations

You Have Completed
EMERGENCY RESPONSE

Omar Adwan

Wed Dec 06 2023 10:28 AM

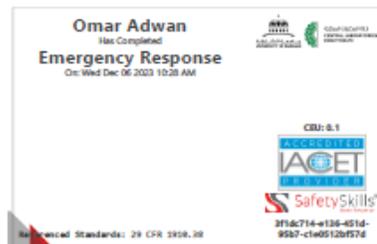


إدارة المختبرات المركزية
CENTRAL LABORATORIES
DIRECTORATE

Referenced Standards: 29 CFR 1910.38



CEU: 0.1
3f1dc714-e136-451d-95b7-c1e0512bf57d



Congratulations

You Have Completed
**WORKING WITH LASERS IN RESEARCH
AND EDUCATION**

Omar Adwan

Wed Dec 06 2023 11:40 AM



إدارة المختبرات المركزية
CENTRAL LABORATORIES
DIRECTORATE

Referenced Standards: ANSI Z136.5; OSHA 29 CFR General Duty Clause
Section 5(a)(1)



cce60706-ef70-4893-be81-3fc75f2a004a

Omar Adwan
Has Completed
**Working With Lasers in
Research and Education**
On: Wed Dec 06 2023 11:40 AM

UNIVERSITY OF SHARJAH
إدارة المختبرات المركزية
CENTRAL LABORATORIES
DIRECTORATE

CEU: 0.1
ACCREDITED
ACET
PROVIDER
SafetySkills
Work Smarter

Referenced Standards: ANSI Z136.5; OSHA 29 CFR
General Duty Clause Section 5(a)(1)

cce60706-ef70-4893-
be81-3fc75f2a004a



معهد القيادة
في التعليم العالي
INSTITUTE OF LEADERSHIP
IN HIGHER EDUCATION

Certificate of Completion

This is to certify that

Tahani Al Sarayreh

has successfully completed the training workshop (1.5 hours)

Strengthening Students' Learning Using Feedback and Feedforward

organized by [the Institute of Leadership in Higher Education](#)

November 6th, 2023

Prof. Maher Omar
Director, Institute of Leadership In Higher Education



معهد القيادة
في التعليم العالي
INSTITUTE OF LEADERSHIP
IN HIGHER EDUCATION

Certificate of Completion

This is to certify that

Tahani Al Sarayreh

has successfully completed the training workshop (1 hour)

Faculty Peer Observation of Teaching

organized by the Institute of Leadership in Higher Education

October 31th, 2023

Prof. Maher Omar
Director, Institute of Leadership In Higher Education

Congratulations
You Have Completed
OFFICE ERGONOMICS

Tahani Ibrahim Ragheb AL Sarayreh

Wed Mar 01 2023 10:01 AM

UNIVERSITY OF SUDAN
CENTRAL LABORATORIES
DIRECTORATE

Referenced Standards: OSHA General Duty Clause

CEU: 0.1
IAQET ACCREDITED
SafetySkills®
48cf6ce2-e927-4428-88f4-26b4a32bf132

Congratulations
You Have Completed
**WORKING WITH LASERS IN RESEARCH
AND EDUCATION**

Tahani Ibrahim Ragheb AL Sarayreh

Sun Dec 03 2023 10:14 AM

UNIVERSITY OF SUDAN
CENTRAL LABORATORIES
DIRECTORATE

Referenced Standards: ANSI Z136.5; OSHA 29 CFR General Duty Clause
Section 5(a)(1)

CEU: 0.1
IAQET ACCREDITED
SafetySkills®
9df68a44-b6c1-4045-bb2b-2528e94b8926

UNIVERSITY OF SUDAN
CENTRAL LABORATORIES
DIRECTORATE
DISABILITY RESOURCES CENTER

شهادة مشاركة

يتقدم مركز الموارد لذوي الإعاقة بجامعة الشارقة بجزيل الشكر والتقدير إلى

تهاني ابراهيم الصرايرة

لحضوركم ورشة تفاعلية بعنوان:

"الإعاقات الخفية، والتعامل معها"

وذلك يوم الخميس الموافق 23 / مايو / 2024م.

تمنين لكم دوام التوفيق والنجاح

إلى
د. أحمد فلاح المومني
مدير مركز الموارد لذوي الإعاقة

مقدم الورشة
د. أحمد فلاح المومني
مؤسس عيسى أون



Certificate of Attendance

The Office of the Vice Chancellor for Research and Graduate Studies presents
sincere gratitude and appreciation to

Dr. Mohamed I. Abdel-Fattah

for attending the workshop titled:
"Your Guide to Scopus Journals"

Thursday, February 12th, 2023

Wishing you continued success

Prof. Maamar Bettayeb
Vice Chancellor for Research & Graduate Studies



Certificate of Attendance

The Office of the Vice Chancellor for Research and Graduate Studies presents
sincere gratitude and appreciation to

Dr. Mohamed I. Abdel-Fattah

for attending the workshop titled:
"Post-Award: Research Funding Opportunities - Grants and Guidelines"

Monday, February 19th, 2024

Wishing you continued success

Prof. Maamar Bettayeb
Vice Chancellor for Research & Graduate Studies







شهادة مشاركة

تقدم عيادة شؤون الطلاب في جامعة الشارقة بجزيل الشكر و التقدير

— Mohamed I. Abdel-Fattah —

لحضور المناظرة الطلابية "المناظرة الطلابية/Debate Contest"
 الافتراضية باللغة الإنجليزية بعنوان:
Students should be allowed to use ChatGPT
 وذلك يوم الثلاثاء ٦ فبراير ٢٠٢٤ م
 متمنين لكم مزيدا من التقدم والنجاح


د. سلامة الرحومي
 عميدة شؤون الطلاب



مكتب البحث العلمي والتطوير التعليمي والدراسات العليا
 معهد البحث العلمي والتطوير التعليمي

شهادة تقدير

تتشعب اللجنة التطويرية "المؤتمر الدولي لنحوال التطبيقية في العلوم الإنسانية والاجتماعية
 ممارسات عالمية متحدة التخصصات" أن

Mohamed I. Abdel-Fattah

قد حضر ورشة تطبيقات الذكاء الاصطناعي (AI) في بحث العلوم الإنسانية والاجتماعية التي عقدت في
 دبي بجمعة الشارقة دولة الإمارات العربية المتحدة

31 أكتوبر - 2 نوفمبر 2023م


د. سامية الرحومي
 نائب رئيس اللجنة التطويرية للدراسات العليا
 رئيس اللجنة التطويرية للدراسات العليا


د. فاضل الفخري
 مدير معهد البحث العلمي والتطوير التعليمي
 رئيس اللجنة التطويرية للدراسات العليا




CERTIFICATE OF ATTENDANCE

THIS CERTIFICATE IS AWARDED TO

"Mohamed I AbdelFattah"

EBMR and LWJ Journals on the Ovid Platform

Presented By Maurice Clementi

Virtual Session - Zoom
14-November-2023


NADIA MASOUD
 DIRECTOR OF UOS LIBRARIES
 UNIVERSITY OF SHARJAH

Certificate ID: 0111





University of Sharjah
Sharjah, UAE

U.S. Gulf of Mexico

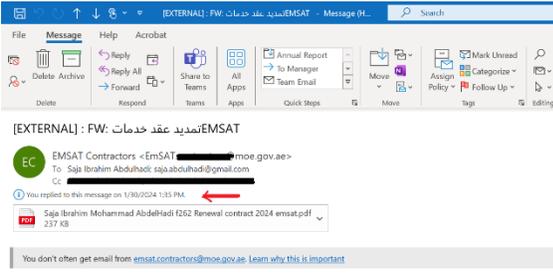
UOS Team

Khadija Ali, Mariam Alyahyae, Salim Alnahdi, Fatimaathraa Alahdai, Hareem Khan

Faculty Advisor: Dr. Mohamed I. Abdel-Fattah

IBA-AAPG
MIDDLE EAST REGION
2024





Sign the contract extension of EmSAT services	توقيع تمديد عقد خدمات EmSAT
<p>Dear Contractor</p> <p>We extend our best greetings and wishes for your continuous success.</p>	<p>عزيزي/عزيزتي المتفاني،</p> <p>بداية نقدم لك بأطيب التهيات وأجمل الأمنيات بمرور التجاح</p>

