UNIVERSITY OF SHARJAH

**COLLEGE OF
SCIENCES**

ANNUAL REPORT

2024-2025

Introduction

Established in 2008, when the College of Arts and Sciences was split into two separate colleges, the College of Sciences (COS) at the University of Sharjah (UoS) consists of four departments after the Department of Computer Science joined the College of Computing and Informatics. The College of Sciences offers bachelor's degrees in the following majors: Applied Biology, Chemistry, Applied Physics, Mathematics, and Remote Sensing. In addition, the COS offers several postgraduate programs in Applied Biology, Chemistry, and Applied Physics. The college plans to open more postgraduate programs in applied biology, chemistry, mathematics, and Applied Physics. In addition, the College offers service courses to many students in the first and second years in other Colleges. The College also strives to elevate the standards of academic research in various advanced areas of research, teaching, and learning. As highlighted in the subsequent sections of the strategic plan, the CoS aims to spread, disseminate, and foster research through collaborations with local, regional, and international institutions.

1. Mission, Organization, and Governance

College Vision:

> *The College of Sciences at the University of Sharjah visions itself as a vibrant scientific and educational institution that is open and welcoming, creative and adaptable, dynamic, and regionally renowned for excellence in education, research, and community outreach programs for improving the nation and the world through its graduates, scientific discoveries, and outreach programs.*

College Mission:

> *The College of Sciences is the home of the basic sciences at the University of Sharjah, one of the region's leading universities. Faculty, staff, and students work collectively to create, share, and apply knowledge in the basic sciences.*
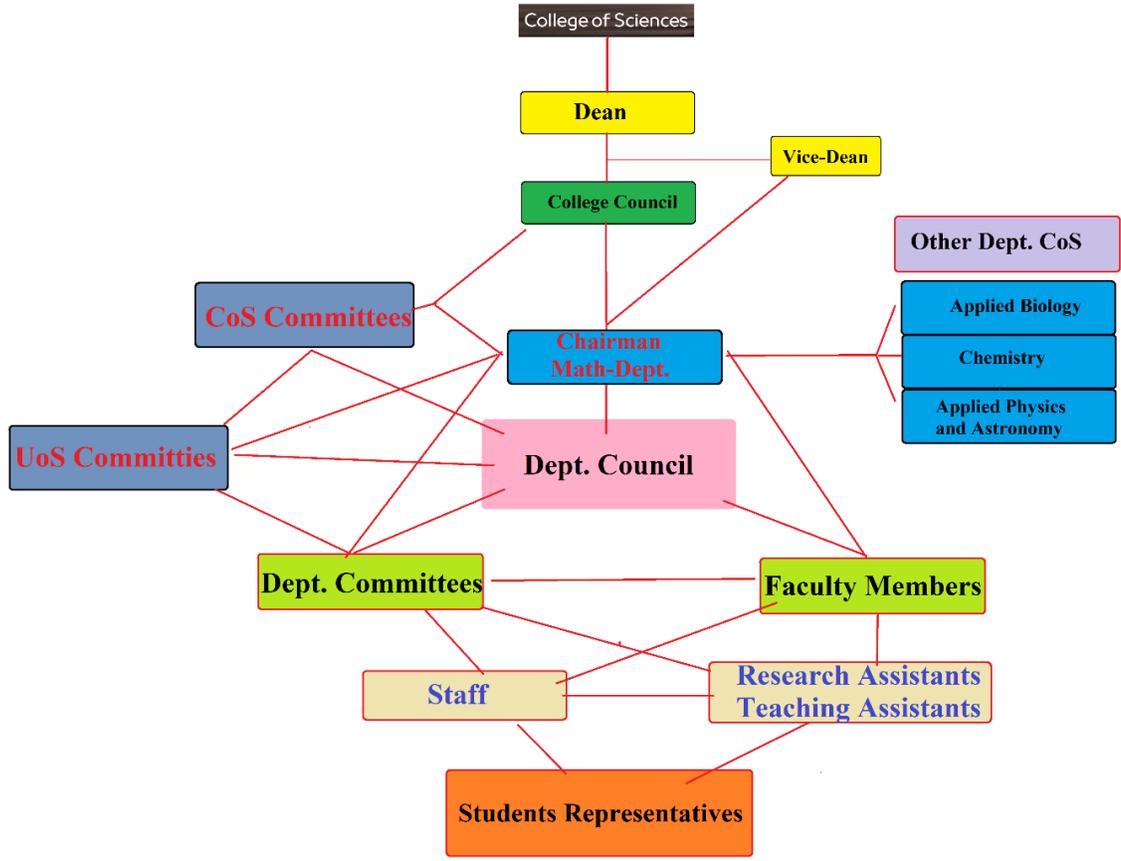
Figure 1. CoS Chart 2024-2025

• University-Level Committees

#	Committee Title
1.	Faculty Grievance Committee - Ihab Obaidat (member
2.	Committee for the development of the meteorite system Attaelmanan, Chairman
3.	Committee for referring Annual Faculty Incentive Award for Research Hichem El Euch, Hussain Alawadhi
4.	Member of the organizing committee of more than 10 conferences and forums Omar, Nawal, Tahani
5.	University Research Board Hussain Alawadhi
6.	
7.	
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10.	
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12.	
13.	
14.	

• College-Level Committees

College Committees
1. **Strategic planning and Annual Report Committee**
2. **Hiring Committee** **Dr. Tahir Abbas (member)**
3. **Promotion Committee**
4. **Curriculum and Accreditation Committee**
5. **Exams and Time Tables Committee**
6. *Advising the college committee*
7. *College Annual Report Committee*
8. *Student Affairs Committee: [Student Development Committee]* *Dr. Tahir Abbas (Member)*
9. *College Research Committee and Conferences Committee* **Prof. Mahmoud Benkhalifa**
10. *College Website Committee*
11. *College Social Committee*
12. *Strategic plan committee*
13. *Final exams technical support committee*
14. *Postgraduate studies*
15. *Advising* **Dr. Mohammad Bataineh**

• Departmental Committees

  ➢ **Department of Mathematics**

DEPARTMENT COMMITTEES 2024/2025
1.   Outreach Committee • **Mrs. Kholoud Mustafa** • Prof. Basem Attili • Dr. Mohammad Bataineh • Mrs. Nida Siddiqui • Prof. Mahmoud Ben khalifa
2.   **Curriculum Committee** • **Prof. Ali Jaballah** • **Dr. Mohammed Al-Akhrass** • **Prof. Belkacem Said Houari** • Dr. Marwan Al Momani
3.   **Examinations Committee** • **Prof. Muhammad Islam** • Mrs. Kholoud Mustafa
4.   **Teaching Schedule Committee** • **Dr. Mohammed Al-Akhrass** • Prof. Belkacem Said Houari • Dr. Tahir Abbas
5.   **Community Service and Social Committee** • **Dr. Aziz Takhirov** • Prof. Ali Jaballah • Mrs. Kholoud Mustafa
6.   **Scientific Research and Seminar Committee** • **Prof. Belkacem Said Houari** • Dr. Zahid Raza • Prof. Salim Messaoudi • Dr. Aziz Takhirov
7.   **Accreditation and Academic Plans (Current programs)** • **Prof. Zahid Raza** • All members of the department **Accreditation and Academic Plans (New program)** • **Prof. Mostafa Zahri** • All members of the department

8.	**Student Advising Committee** • **Prof. Bassem Attili** • Dr. Mohammed Bataineh • Dr. Abbas Tahir
9.	**Annual report and Strategy planning Committee** • **Prof. Mostafa Zahri** • Prof. Mahmoud Ben khalifa
10.	**Conference and workshop Committee** All members of the department
11.	**Department's Website and software Committee** • **Mrs. Nida Siddiqui (English)** • Dr Marwan Al Momani (**Arabic**)
12.	**Internship and Training Committee** • **Prof. Abdelaziz Soufyane** • Dr. Firas Ghanem
13.	**Library, Computing Resources, and Educational Technology Tools Committee.** • **Dr. Abbas Tahir** • Prof. Mahmoud Ben Khalifa • Prof. Belkacem Said Houari
14.	**Disciplinary Committee** • **Dr. Mohammed Bataineh** • Prof. Salim Messaoudi
15.	**Graduate Studies** • **Prof. Bassem Attili** • Prof. Abdelaziz Soufyane • Prof. Muhammad Islam • Prof. Mahmoud Ben Khalifa
16.	**Council secretary** • **Dr. Mohammed Al-Akhrass**
17.	**Department representative in the college council** • **Prof. Mostafa Zahri**

- ➢ **Applied Biology Department.**

- ➢ **Department of Physics**

- ➢ **Department of Chemistry**

	DEPARTMENT COMMITTEES 2024/2025
1.	**Outreach Committee** • Mrs. Kholoud Mustafa • Prof. Basem Attili • Dr. Mohammad Bataineh • Mrs. Nida Siddiqui Prof. Mahmoud Ben khalifa
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3.	**Examinations Committee** • Prof. Muhammad Islam • Mrs. Kholoud Mustafa
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9.	**Annual report and Strategy planning Committee** • Prof. Mostafa Zahri • Prof. Mahmoud Ben khalifa
10.	Conference and workshop Committee

	• All members of the department
11.	**Department's Website and software Committee** • Mrs. Nida Siddiqui (English) • Dr Marwan Al Momani (Arabic)
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16.	**Council secretary** • Dr. Mohammed Al-Akhrass
17.	**Department representative in the college council** • Prof. Mostafa Zahri

PROGRAMS OFFERED IN 2024-2025

No.	Program	Deg.	Status	From	To	Comments
1.	**Bachelor in Mathematics**	**Bsc.**	**ABET Accreditation**	**April 2021**	**2027**	
2.	**Master in Mathematics**	**Msc.**				
3.						
4.						
5.						
6.						

FACULTY AND PROFESSIONAL STAFF

List of Full-Time Faculty Members:

No.	Faculty Member Name	Rank	Gender	Nationality	Qualification	Specialization	Length of service at UOS
1	Abdelaziz Soufyane	Professor	M	France	Ph.D	Control Theory of PDEs	10
2	Ali Jaballah	Professor	M	Tunisia	Ph.D	Algebra & Fuzzy Sets	20
3	Salim Messaoudi	Professor	M	Algeria	Ph.D	Partial Differential Equations	6
4	Mostafa Zahri	Professor	M	Morocco	Ph.D	Modeling and Numerical Analysis	8
5	Belkacem Said-Houari	Professor	M	Algeria	Ph.D	Analysis of PDEs	8
6	Muhamed Islam	Professor	M	Jordan	Ph.D	Partial Differential Equations	10
7	Mahmoud Benkhalifa	Professor	M	Algeria	Ph.D	Algebraic topology	10
8	Zahid Raza	Professor	M	Pakistan	Ph.D	Pure and Appl. Mathematics	10
9	Marwan Al Momani	Assoc. Prof.	M	Canada	Ph.D	Appli. Statistics	4
10	Firas Ghanim Ahmed	Assoc. Prof.	M	Iraq	Ph.D	Complex Analysis	12
11	Mohamed Bataineh	Assoc. Prof.	M	Australia	Ph.D	Extremal Combinatorics	12
12	Mohammad Al Akhrass	Assoc. Prof.	M	Canada		Harmonic Analysis	10
13	Aziz Takhirov	Assoc. Prof.	M	Uzbekistan	Ph.D	Appl. Mathematics	5
14	Tahir Abas	Assist. Prof.	M	Pakistan	Ph.D	Appl. Statistics	3

| 15 | Nida Siddiqui | Lecturer | F | India | M.Sc. | Mathematics | 7 |
| 16 | Kholoud Mustafa | Lecturer | F | Jordan | M.Sc. | Mathematics | 12 |

Research Productivity

Journal quartiles
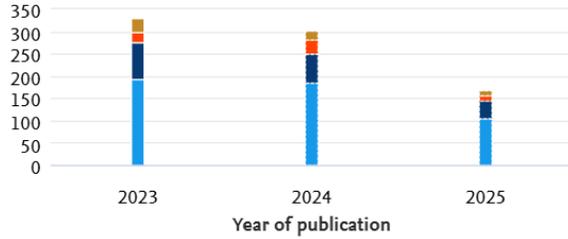
Quartiles	Publications ⑦	Publication share (%)
■ Q1 (top 25%)	484	60.4
◆ Q2 (26% - 50%)	186	23.2
● Q3 (51% - 75%)	66	8.2
▲ Q4 (76% - 100%)	65	8.1

Cumulative shares	Publications	Publication share (%)
Q1 to Q2 (top 50%)	670	83.6
Q1 to Q3 (top 75%)	736	91.9

Date exported	12 July 2025			
CiteScore quartile	Overall	2023	2024	2025
Q1 (top 25%)	484	193	186	105
Q2 (top 26% - 50%)	186	83	63	40
Q3 (top 51% - 75%)	66	22	33	11
Q4 (top 76% - 100%)	65	33	21	11
Total	801	331	303	167

Citation Count ⓘ
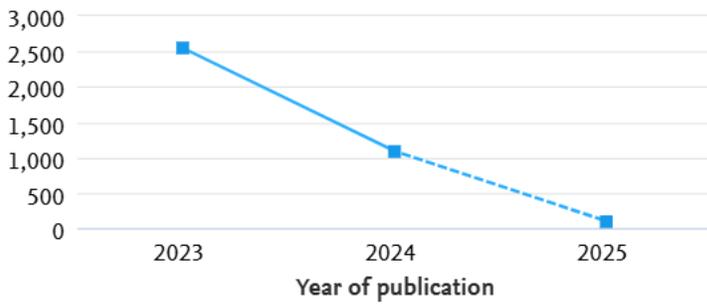
▨ Incomplete year ❓

3,726

number of citations received by publications by researchers of College-of-Science-2024-25

Citations per Publication ⓘ
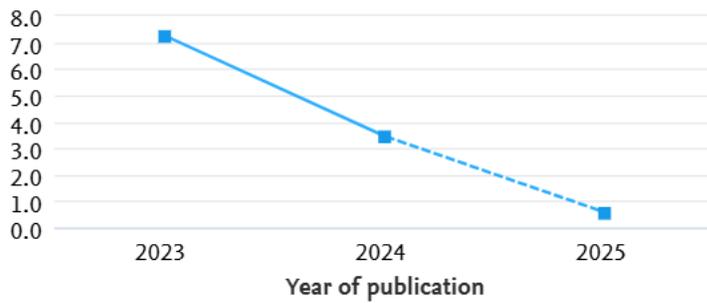
▨ Incomplete year ❓

4.5

average number of citations per publication by researchers of College-of-Science-2024-25

Field-Weighted Citation Impact ⓘ
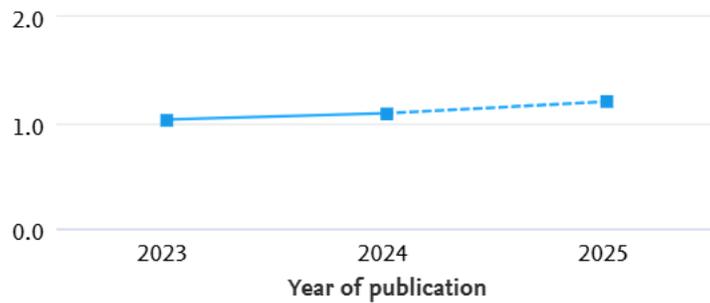
⧄ Incomplete year ⑦

1.09

average Field-Weighted Citation Impact of College-of-Science-2024-25

Publication metrics

Scholarly Output ⓘ
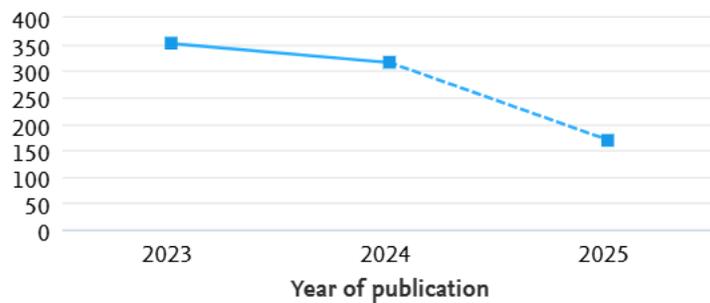
⧄ Incomplete year ⑦

835

number of publications by researchers of College-of-Science-2024-25

Outputs in Top Citation Percentiles ⓘ

Share of publications of College-of-Science-2024-25 that are among the most cited publications worldwide

View list of publications

ⓘ Thresholds

- ■ % of publications in top 10% most cited
- ■ % of publications in top 1% most cited

⧄ Incomplete year ⓘ
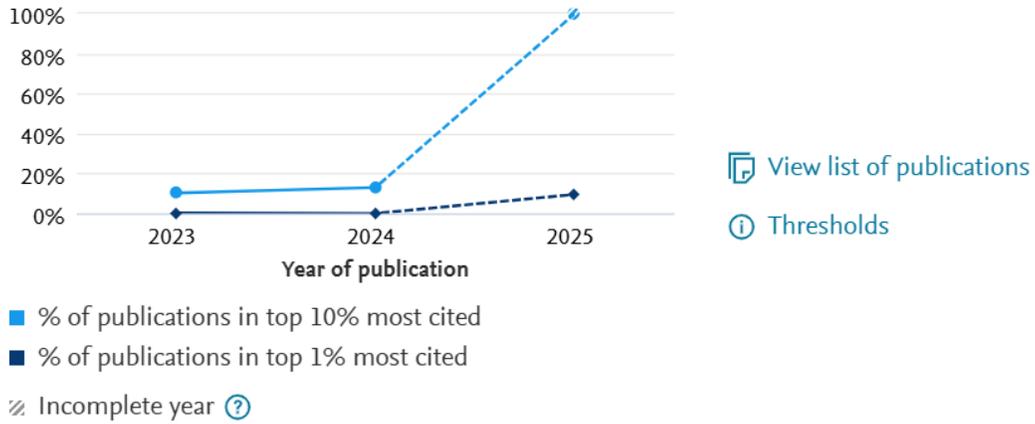
98 (14.3%)

number of publications in the top 10% most cited publications worldwide

164 (20.5%)

number of publications in the top 10% journals by CiteScore

- ■ % of publications in top 10% journals
- ■ % of publications in top 1% journals

⧄ Incomplete year ⓘ
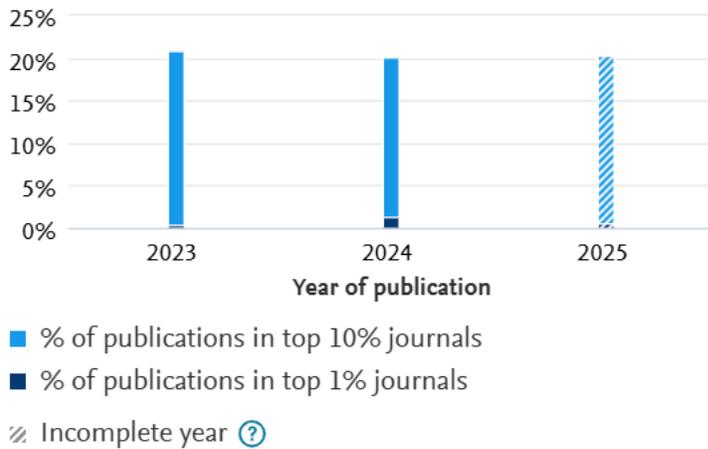
Outputs in Top Views Percentiles ⓘ

Column chart | **Line chart** | Show as field-weighted

- % of publications in top 10% most viewed
- % of publications in top 1% most viewed
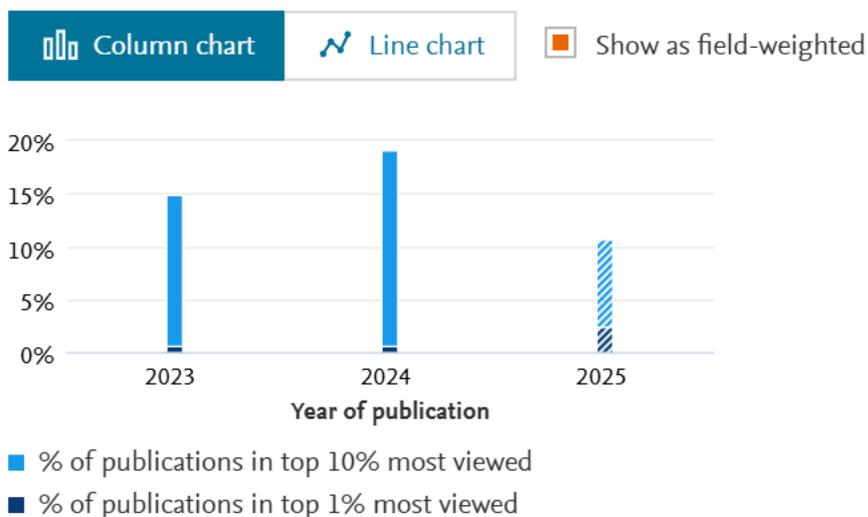
130 (15.6%)

number of publications in the top 10% most viewed publications worldwide

Subject Areas

Other

Multidisciplinary (4.2%)

Pharmacology, Toxicology and Pharmaceutics (6.5%)

Biochemistry, Genetics and Molecular Biology (12.9%)

Agricultural and Biological Sciences (8.7%)

Earth and Planetary Sciences (10.2%)

Environmental Science (8.9%)

Energy (7.3%)

Engineering (20.8%)

Materials Science (17.0%)

Computer Science (7.8%)

Mathematics (21.5%)

Physics and Astronomy (25.6%)

Chemistry (23.4%)

Chemical Engineering (11.8%)

Teaching & Assessments

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

MATHEMATICS	
1-	Online teaching, quizzes, exercises, and final exams using the BB system and other software programs like MS Teams for the Spring 2024/2025.

2-	Weekly tutorial sessions have been started in the Spring semester 2024/2025 for the courses Business Statistics (1440264), Statistics for Science (1440181).
3-	Homework has been assigned to students
4-	Design and update the PowerPoint Slide Notes
5-	A problem-solving approach was adopted in these courses (Business Statistics, Statistics for Science, Statistics for Science (Software application focused), with a focus on Application and Practice using Real Data.
6-	Homework has been assigned to students
7-	Design Problem sets for the course Business Statistics and Statistics for Science to enhance student learning.
8-	Group Learning Techniques

Advising-Lists (MATHEMATICS)

Student ID	Student Name	Advisor Name
U23106085	Ayah A. S. Alkhodari	Dr. Firas Ghanim
U23101402	Shahd Tariq Sameer Kamaleldeen	
U24108932	Sama Ibrahim Abdelkarim Aldan	
U21103580	Batool Azzam Sudqi Ghazal	Prof. Basem Atilli
U19106130	Maryam Saud Mabyoua Al Shehhi	
U23106416	Yousef Marwan Mousa Allan	
U24107739	Razan Ahmad Mustafa Jaber	
U22104358	Ghozlan Mohammad Al Zoubi	Prof. Ali Jaballah
U24107716	Sara Hasan Hadi Al Azzawi	
U24200051	Raima Yasin Muhammad Yasin	
U24200573	Maha Sarhan Ali Salem	
U21104119	Dana Zuhair KH. Abukhalaf	Prof. Abdelaziz Soufyane
U23107315	Khaled Said Shurieki	
U23107928	Malaak Abdelrahman Mansour Murad	
U23100247	Mohamad Jehad Antouz	
U22101752	Jasim Yusuf Saad Al-Medawi Al-Doseri	Prof. Salim Messaoudi
U21102808	Lin M.Feras Badawi	
U22200566	Zaid Ali Mohammed Bin Hajar Alshehhi	
U24100073	Raghad Adel Mubarak Bin Sumaidaa	
U24200099	Reem Mahmoud Mohamed Abdelaziz	
U22105912	Bhadra Deepa Manoj Manoharan	Prof. Mahmoud Benkhelifa
U22105929	Saja Abdulsalam Alhamid	
U21200250	Lojaen Mahmoud Al Kaddah	
U23200986	Mohamed Saeed Mohamed Rashed Alsereidi	
U24106240	Reem A I Thabet	
U22100437	Aysha Sulaiman Ahmed Al-Dhuhoori	Prof. Mostafa Zahri
U22100620	AlReem Saeed Mubark Alrufaisa Alketbi	
U19104954	Asmaa Ahmad Abdallah Al Hamadi	
U22105489	Fatema Naser Al Zeada	
U24103071	Abdulkader Mohamad Khaled Toutounji	
U23107175	Mohammad Reza Salmanpour	Prof. Muhammad Islam
U23200566	Ghaya Ali Mohammad Hamed	
U24102160	Omar Basim Nazmi Alsaafeen	
U24104327	Dana Suleiman	
U24105242	Doha Tawfiq Al Nimer	

Student ID	Student Name	Advisor Name
U22200611	Mohamed Abdulla Mohamed Aldhanhani	Prof. Belkacem Said-Houari
U23105557	Shamsa Nasir Ahmed Obaid Ahmed	
U23200858	Ali Jumah Ahmed Ali Aldahmani	
U24102085	Aya Abdulfatah Ziada	
U21201460	Latifa Aminulhaq	Prof. Zahid Raza
U2320053	Jared Tariq MC Carthy	
U23105846	Mariam Muhammad Madkour Moussa	
U24103888	Salsabeel Motasem Mohammad Alsadi	
U24105393	Abeer Akram Mohamed Ali Sakalla	
U21100454	Maram I. A.Eleyan	Dr. Mohammad Bataineh
U21200616	Najat Hasab Elrasoul Ali Mohamed	
U22200582	Saif Abdalla Saif Mohamed Alsuwaidi	
U23200320	Al-Zahra Abdulwali Ali Abohatem	
U24108871	Hanen Jalal Mohsen Muthanna	
U20201520	Amath Arrahman Binthy Mohamed Isha	Dr. Mohammad AL Akhrass
U20105649	Ghaith Bahjat Alhaji	
U22104519	Fatma A. S. Alkhodari	
U22104988	Mona M. M. Mansour	
U24108803	Sadra Hussam Alcharbaji	
U21106620	Ahmad El Sayah	Dr. Marwan Al-Momani
U23102609	Ruqaya Salih Sabri Al-Quraishi	
U22106343	Aicha Omar-Dini Ahmed	
U2410155	Hanna Bind Mohammed Arikkattayil	
U24108239	Maha Jehanzeb Khan	
U21106071	Ashita Sharone Anand Marian	Dr. Aziz Takhirov
U22200899	Rawan Ait Elhadi	
U24100764	Gana Khaled Kikhia	
U24100354	Zeinab Bassam Alhamad	
U24108487	Fatima Alzahraa Said Shurieki	
U24200621	Iman Abdulsalam Aswad	
U22200996	Yousif Yaqoub Abbas Farhan Almaazmi	Dr. Tahir Abbas
U21201163	Israa Abdelmoniem Gahelrasoul	
U22200592	Ahmad Husni Mahmoud Abu Saleh	
U23101276	Maryam Faisal Naseem	
U24107935	Noora Saeed Matar Bin Halool Alkhateri	
U24201079	Maryam Samer Al Masalmeh	

Internship Sites

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

Internship Statistics

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

Faculty Professional Development (Samples)

No.	Development Event*	Development Area**	Description
1.	Conference	*Research*	*Characterizing and Quantifying Extensions of Commutative Rings With Some Finiteness Conditions, to be presented online at International symposium on "Rings, Modules, Algebras and Their Applications" during June 26-28, 2025 as a part of the "International Conference on Mathematical Sciences and Computing, Innovation and Applications (ICMSC-2025)'' held (in-person/virtual mode) at the Department of Mathematics, North Eastern Regional Institute of Science and Technology (NERIST), Arunachal Pradesh, India.*
2.	Conference	*Research*	*Derivations on Boolean Algebras, Presented at UAE Math Day 2025, held on April 12, 2025, at the University of Sharjah, Sharjah, UAE.*
3.	Conference	*Research*	*Equations and Characterizations for Intermediate rings. Presented at the Fourth International Conference on Mathematics and Statistics (AUS-ICMS'25) Held on February 20-22, 2025, at the American University of Sharjah, Sharjah, UAE.*
4.	Conference	*Research*	*Recent Results and Problems Related to FIP Extensions of Commutative Rings. Presented at the Workshop on New Trends in Algebra and its Applications, November 5-8, 2024. The Department of Mathematical Sciences, United Arab Emirates University.*
5.	Workshop	*Teaching and research*	*with some finiteness conditions, "Algebra and Its Application" from July 22nd to 24th held at Yildiz Technical University, Istanbul, Turkey. The workshop is organized jointly by Yildiz Technical University, Marmara University, and Medeniyet University.*
6.	Conference	Research	"UAE Math Day 2023", Zayed University, UAE, March 4, 2023
7.	Presentations	Teaching & Learning	"Pi Day" held in the Math Department
8.	Presentations	Teaching & Learning	"Graduation Projects Day" held in the Math Department
9.	Forum	Research	"The 15th Annual Scientific Research Forum" at UOS
10.	Workshop	Teaching & Learning	Workshop: Rethinking Examinations in Higher Education

No.			
11.	Workshop	Research	Workshop on Recent Advances in Analysis and Applications-United Arab Emirates University
12.	Workshop	Teaching & Learning	Workshop: Preparation for CAA Accreditation and Response to ABET Requirements. A Collective Effort and Team Work
13.	Workshop	Teaching & Learning	Workshop on accreditation: Best practices to keep always ready for accreditation
14.	Workshop	Teaching & Learning	Pearson Middle East MyLab Math workshop & product demonstration
15.	Workshop	Research	Workshop on PDES and Applications
16.	Conference	*Research*	Fourth International Conference on Mathematics and Statistics - February 20 – 22, 2025 American University of Sharjah, Sharjah UAE
17.	Conference	*Research*	UAE MATH DAY 2025- April 12th, 2025 University of Sharjah
18.	Conference	*Research*	International Symposium on Differential Geometry and Applications (ISDIGA 2025)- July 2-3 (online). Munzur University, Türkiye
19.	Presentations	*Research*	"The 16th Annual Scientific Research Forum" at UOS, May 22, 2024
20.	Presentations	Teaching & Learning	"Graduation Projects Day" held in the Math Department
21.	Forum		
22.	Workshop	Teaching & Learning	-"لوائح البكالوريوس و سياسات التسجيل (باللغة العربية) " 14/11/2024
23.	Workshop	Teaching & Learning	RefWorks - The Citation Manager Tool 13-November-2024
24.	Workshop	Teaching & Learning	Innovating Education - Increasing Student Engagement with the Use of Generative AI and Pearson MyLabs **5/19/2025**

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

Awards and Prizes

No.	Prize Name	Awarded To	Awarded By
1.	**Particle-based energy dissipation device for structures US Patent 12,129,682**	**M Leblouba, M Zahri**	**US Patents**
2.			

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	5	5	5	5
2	Basem Attiti	Professor	5	5	5	5
3	Ali Jaballah	Professor	5	5	5	5
4	Salim Messaoudi	Professor	5	5	5	5
5	Mahmoud Binkhalifa	Professor	5	5	5	5
6	Mostafa Zahri	Professor	5	5	5	5
7	Belkacem Said-Houari	Professor	5	5	5	5
8	Muhammad Islam	Professor	5	5	5	5
9	Firas Ghanim Ahmed	Associate Prof.	3	3	3	3
10	Mohamed Bataineh	Associate Prof.	4	4	4	4
11	Zahid Raza	Associate Prof.	4	4	4	4
12	Mohammad Alakhrass	Associate Prof.	1	4	4	4
13	Aziz Takhirov	Assistant Prof.	4	4	4	4
14	Marwan Al Momani	Assistant Prof.	4	4	4	4
15	Tahir Abbas	Assistant Prof.	4	4	4	4
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.

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.	SPSS software
7.	Lecture recordings
8.	

9.	

Research and Scholarly Activities

Publications for the Year 2024-2025.

Publication Category	Number of Publications
Published Books	0
Journal Papers	2
Book Chapters	
Conference Papers	4
Technical Reports & Manuals	
Artistic and Creative Works*	
Total	6

* For College of Fine Arts and Design

List of Publications (Mohammad Alakhrass)

No.	Publication Name	Category*
1.	REFINEMENTS OF THE GENERALIZED NUMERICAL RADIUS OF HEINZ-TYPE INEQUALITIES Yousef, A., Alakhrass, M. Journal of Mathematical Sciences (United States), 2024, 280(2), pp. 157–167	Journal Papers
2.	Lieb Functions and PPT Matrices Alakhrass, M. Lecture Notes in Networks and Systems, 2024, 964 LNNS, pp. 87–93	Journal Papers
3.	**Jaballah, A**. The dimension-overrings equation and maximal ideals of integral domains. Beitr Algebra Geom 65, 85–96 (2024). https://doi.org/10.1007/s13366-022-00677-5.	Journal Paper
4.	Benoumhani, M., **Jaballah, A**. Finite D-Fuzzy Topologies. Int. J. Fuzzy Syst. (2025). https://doi.org/10.1007/s40815-025-01992-4	Journal Paper
5.	**Ali Jaballah** and Mourad Yettou, A Boolean lattice of isotone derivations, to appear in Jordan Journal of Mathematics and Statistics. (2025)	Journal Paper
6.	**Jaballah, A**., Characterizing and Quantifying Extensions of Commutative Rings With Some Finiteness Conditions, to be presented online at International symposium on "Rings, Modules, Algebras and Their Applications" during June 26-28, 2025 as a part of the "International Conference on Mathematical Sciences and Computing, Innovation and Applications (ICMSC-2025)'' held (in-person/virtual mode) at the Department of Mathematics,	Conference Paper

	North Eastern Regional Institute of Science and Technology (NERIST), Arunachal Pradesh, India.	
7.	**Jaballah, A**., Derivations on Boolean Algebras, presented at UAE Math Day 2025, April 12, 2025, University of Sharjah	Conference Paper
8.	**Jaballah, A**., Equations and Characterizations for Intermediate rings, presented at Fourth International Conference on Mathematics and Statistics	ICMS'25, February 20 – 22, 2025, American University of Sharjah.	Conference Paper
9.	**Jaballah, A**., Recent Results and Problems Related to FIP Extensions of Commutative Rings, presented at New Trends in Algebra and its Applications, 05-08 November 2024, United Arab Emirates University, UAE	Conference Paper
10.	**Jaballah, A**.,, Intermediate rings in extensions of commutative rings with some finiteness conditions, presented at "Algebra and Its Application" from July 22nd to 24th held at Yildiz Technical University, Istanbul, Turkey. The workshop is organized jointly by Yildiz Technical University, Marmara University, and Medeniyet University.	Conference Paper
11.	Ensemble algorithm for parameterized convection problems with energy stable open boundary conditions, N Jiang, A Takhirov, J Waters Numerical Algorithms, 1-21	Journal Papers
12.	Quad-SAV scheme for gradient systems A Takhirov, Journal of Computational and Applied Mathematics 443, 115768	Journal Papers
13.	Squared-SAV schemes for Allen-Cahn equation A Takhirov, AIP Conference Proceedings 3034 (1)	Conference Proceedings
14.	Salim Messaoudi and Ahmed Keddi, On the well posedness and the stability of a thermoelastic Gurtin–Pipkin Timoshenko system without the second spectrum, Zeitschrift für Analysis und ihre Anwendungen (ZAA) 44 (2025), 79–96	Journal Papers
15.	Aissa Guesmia, Salim A. Messaoudi and Mostafa Zahri, General decay of solutions of a weakly coupled abstract evolution equations with one finite memory control, J. Applied Analysis and Computation Volume 14, Number 6 (2024), 3539–3557	Journal Papers
16.	Afaf Ahmima, Salim Messaoudi and Mohammed Alahyane, On the existence and stability of solutions of a Type-III thermoelastic Truncated Timoshenko system, , J. Applied Analysis and Computation Volume 14, Number 6 (2024), 3385–3403	Journal Papers
17.	Jamilu Hashim Hassan, Salim Messaoudi, Toufic El Arwadi and Mohamad El Hindi, Theoretical and numerical study of the decay in a viscoelastic Bresse System, Discrete and Continuous Dynamical Systems Series B Vol. 30, No. 2 (2025), 524-553	Journal Papers
18.	Salim A. Messaoudi, Adel M. Al-Mahdi and Mohamed Alahyane, Theoretical and numerical results on the control of type III thermoelastic porous system, *Math. Meth. Appl. Sci*. 48 (2025), 8385–8399	Journal Papers
19.	Ilyes Lacheheb and Salim A. Messaoudi, GENERAL DECAY OF THE CAUCHY PROBLEM FOR α-EVOLUTION MODELS	Journal Papers

	WITH β-MEMORY TERM, Applicable Analysis https://doi.org/10.1080/00036811.2024.2426235	
20.	Bouhoufani O. and S.A. Messaoudi, On the well posedness and stability of an (α, β)-Laplacian nonlinearly damped coupled system with source terms of strong nonlinearities, J. Math. Anal. Appl. 545 (2025) 129089, p. 1-28	Journal Papers
21.	Mohammad M. Al-Gharabli, Adel Al-Mahdi, Aissa Guesmia and Salim A. Messaoudi, STABILITY RESULTS FOR A COUPLED VISCOELASTIC SUSPENSION BRIDGE PROBLEM WITH NONLINEAR FRICTIONAL DAMPING, Bulletin of the Malaysian Mathematical Sciences Society (2025) 48:28	Journal Papers
22.	Ahmed Keddi, Salim Messaoudi and Mohamed Alahyane, On a truncated thermoelastic Timoshenko System with a dual-phase-lag model, Journal: Mathematical Methods in the Applied Sciences **48** (2025), 6691–6703 DOI:	Journal Papers
23.	Ahmed Keddi, Salim Messaoudi and Mohamed Alahyane, Nonexponential and polynomial decay of a thermoelastic Bresse system in the absence of the second spectrum, Evolution Equations and Control Theory Vol. 14, No. 5 (2025), 891-916	Journal Papers
24.	Modification of surface topographies to inhibit candida biofilm formation	Journal publication
25.	On the Ramsey Number for Theta Graphs Versus the Complete Graph of Order Six	Journal publication
26.	**M. Benkhalifa,** Torsion in the Group of Self-Homotopy Equivalences of a CW-Complex, Moscow Journal of Mathematics, 1-12, **2025**	Journal publication
27.	**M. Benkhalifa,** On the obstruction to extending maps between simply connected CW-Complexes. To appear in Kyoto Journal of Mathematics. **2025**	Journal publication
28.	**M. Benkhalifa,** On the group of self-homotopy equivalences of a 1-connected and 5-dimensional CW-complex. Rendiconti del Circolo Matematico di Palermo, 73(3), pp. 819-834, **2024**	Journal publication
29.	**M. Benkhalifa,** Absorbing homogeneous polynomials arising from rational homotopy theory and graph theory. Applicable Algebra in Engineering, Communications and Computing. 35 (6), 805-820, **2024**	Journal publication
30.	**M. Benkhalifa,** On the group of self-homotopy equivalences of a 2-connected and 6-dimensional CW-complex, Homology, Homotopy and Applications. vol. 26(1), 151–168, **2024**.	Journal publication
31.	**M. Benkhalifa,** On the group of self-homotopy equivalences of an F0-space. Journal of the Mathematical Society of Japan. 76 (4), 1171-1186. **2024**	Journal publication
32.	**M. Benkhalifa**, On the Finiteness of the subgroup of Homotopy Self-Equivalences Inducing the Identity on Homology. Asian-European Journal of Mathematics. 17 (10), 2450065, **2024**	Journal publication

33.	**M. Benkhalifa,** Every group is the group of self homotopy equivalences of finite dimensional CW-complex. Sbornik Mathematics, 35 (6), 805-820. **2024**	Journal publication
34.	**M. Benkhalifa,** Characterization of m-absorbing ideals in $\mathbb{Q}[x1 , . . . , xn]$. UAE-Math-Day. **UOS. April 12th, 2025**	Conference
35.	**M. Benkhalifa,** Torsion in the Group of Self-Homotopy Equivalences of a CW-Complex. Fourth International Conference on Mathematics and Statistics. **AUS February 20 – 22, 2025**	Conference
36.	**M. Benkhalifa,** International Symposium on Differential Geometry and Applications (ISDIGA 2025) (online)- Munzur University, Turkey **July 2-3, 2025**	Conference
37.	S.A. Messaoudi and Soh Edwin Mukiawa, On the well-posedness and long time dynamics for a coupled nonlinear bridge system with past history, Applied Mathematics and Optimization. (2025) 91:53	Journal Papers
38.	Taklit Hamadouche, Salim A. Messaoudi and Mostafa Zahri, Decay results for a quasilinear wave equation with a nonlinear time-varying frictional damping of variable exponent, Computational and applied mathematics (Accepted) https://doi.org/10.1007/s40314-025-03185-z	Journal Papers
39.	Analytic study and statistical enforcement of extended beta functions imposed by Mittag-Leffler and Hurwitz-Lerch Zeta functions, Abdulnabi, F.F., Al-Janaby, H.F., Ghanim, F., MethodsX, 2025, 14, 103206	Journal Papers
40.	Generalized Mittag-Leffler-confluent hypergeometric functions in fractional calculus integral operator with numerical solutions Ghanim, F., Khan, F.S., Ali, A.H., Atangana, A., Journal of Mathematical Analysis and Applications, 2025, 543(2P2), 128917	Journal Papers
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43.	A multi-faceted decision-making approach to feasible hydroponic technology acquisition, Bendak, S., Al Hawarneh, A., Ghanim, F. Computers and Electronics in Agriculture, 2024, 226, 109451	Journal Papers
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45.	Evaluation of the Dynamics of Psychological Panic Factor, Glucose Risk and Estrogen Effects on Breast Cancer Model Aamer, Z., Jawad, S., Batiha, B., Ghanim, F., Lupaş, A.A. Computation, 2024, 12(8), 160	Journal Papers
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48.	Mustafa M.I., Optimal decay result for wave equations with frictional versus viscoelastic damping, Differential Equations and Dynamical Systems 32 (2024), 1029–1046	Journal publication
49.	Mustafa M.I., Viscoelastic wave equation with variable-exponent nonlinear boundary feedback, Journal of Dynamical and Control Systems 30:36 (2024), https://doi.org/10.1007/s10883-024-09714-z	Journal publication
50.	Mustafa M. I., Laminated beams with variable-exponent nonlinearity in the structural damping, Journal of Applied Analysis and Computation 15 (3) (2025), 1803–1819	Journal publication
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52.	Tareq Osaili, Zoha Waseem, Fayeza Hasan, Anas A. Al-Nabulsi, Amin N. Olaimat, **Marwan Al-Momani**, Terezia Hornikova, Mutamed Ayyash, Reyad Obaid, Richard Holley. Unleashing the antimicrobial potential of high-pressure processing on beverages, sauces, purées, and milk: A predictive modelling approach Applied Food Research,5(1), DOI:10.1016/j.afres.2024.100676	Journal publication
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54.	**Marwan Al-Momani**, Ghanim Firas and Al-Janaby, Hiba Fawzi. Exact Bahadur Slope for Combining Independent Tests In The Case Of The Pareto Distribution. Heliyon. 2024;10(14).https://doi.org/10.1016/j.heliyon.2024.e33954	Journal publication
55.	**Marwan Al-Momani** and Mohammad Arashi. Ridge-Type Pretest and Shrinkage Estimation in the Spatial Error Model with an Application to Real Data Example. Mathematics 2024, 12, 390. https://doi.org/10.3390/math12030390.	Journal publication
56.	Ghanim, Firas and Al-Janaby, Hiba Fawzi and **Marwan Al-Momani**.A new Euler-Beta function model with statistical implementation related to the Mittag-Leffler-Kummer function. Kuwait Journal of Science. DOI:10.1016/j.kjs.2023.07.012	Journal publication
57.	Hassanein, Mohammed M. and Huri, Hasniza Zaman and Baig, Kauser and Abduelkarem, Abduelmula R. and **Marwan Al-Momani**. Development and validation	Journal publication

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61.	Soufyane, A., Al-Mahdi, A.M., Al-Gharabli, M.M., Kissami, I., Zahri, M. Stability results of a swelling porous-elastic system with two nonlinear variable exponent damping. Networks and Heterogeneous Media, 19(1), pp. 430–455, 2024.	Journal publication
62.	Al-Mahdi, A.M., Noor, M., Al-Gharabli, M.M., Feng, B., Soufyane, A. Stability analysis for a Rao-Nakra sandwich beam equation with time-varying weights and frictional dampings. AIMS Mathematics, 9(5), pp. 12570–12587, 2024.	Journal publication
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67.	**Abbas, T.** (2025). Impact of Government Health Expenditure on Economic Growth: A Comparative Study of Selected Countries. *International Journal of Research and Innovation of Social Science (ISSN: 2454-6186)*, *9(3), 196-208, https://dx.doi.org/10.47772/IJRISS.2025.90300014.*	Journal Papers
68.	**Abbas, T.,** Javed, A., Abbas, N., Abid, M. (2025). On Monitoring of the Shape Parameter of the Inverse Gaussian Distribution via Memoryless Chart Under Bayesian Setup. *IEEE Access (ISSN: 0360-8352), 13(1), 27126-27140, (https://doi.org/10.1109/ACCESS.2025.3538905).*	Journal Papers
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76.	Zaman, B., Nazir, H. Z., Khan, N., Riaz, M., and **Abbas, T.** (2024). Corrections to an adaptive EWMA control chart based on Hampel function to monitor the process location parameter. *Quality and Reliability Engineering International (ISSN: 1099-1638),* 40(1), 752-757, (https://doi.org/10.1002/qre.3420).	Journal Papers

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78.	**Abbas, T.,** Riaz, M., Ali, Z. (2025). A Bayesian Framework for Improved CUSUM Variance Control Charts. Presented at *UAE Math Day 2025, held on April 12, 2025, at the University of Sharjah, Sharjah, UAE.*	Conference Papers
79.	**Abbas, T.,** (2025). Improved Cusum Control Chart for Process Variance Using Bayesian Method. *Presented at the Fourth International Conference on Mathematics and Statistics (AUS-ICMS'25) Held on February 20-22, 2025, at the American University of Sharjah, Sharjah, UAE.*	Conference Papers
80.	**Abbas, T.,** (2024). An Enhanced S^2_EWMA_B Control Chart under Bayesian Setup. *Presented at the 3rd International Conference on Mathematics and Artificial Intelligence (TICMAI-24), held on 10-14 November 2024 at Antalya, Turkey*.	Conference Papers
81.	Raza, Z., Akhter, S., Hasni, R. Maximal first Zagreb connection index of trees with given total domination number (2025) Discrete Applied Mathematics, 368, pp. 82-90.	Journal Papers
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84.	Mansha, M., Ahmad, S., Raza, Z. Eccentric indices based QSPR evaluation of drugs for schizophrenia treatment (2025) Heliyon, 11 (2), art. no. e42222	Journal Papers
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87.	Saber, H., Alraqad, T., Ali, A., Alanazi, A.M., Raza, Z. On a Conjecture Concerning the Complementary Second Zagreb Index (2025) MATCH- Communications in Mathematical and in Computer Chemistry, 94 (2), pp. 447-460	Journal Papers
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No.		Category*
89.	Das, P., Mondal, S., Raza, Z., Pal, A. On exponential inverse symmetric division deg index of graphs (2025) Journal of Applied Mathematics and Computing, DOI: 10.1007/s12190-025-02461-9	Journal Papers
90.	Z. Raza, B. A. Rather. M Ghorbani. (2024). Weighted topological indices of graphs to appear Communications in Combinatorics and Optimization. 0.22049/cco.2024.29895.2211	Journal Papers
91.	Ali, A., Došlić, T. & Z. Raza. (2024) On trees of a fixed maximum degree with extremal general atom-bond sum-connectivity index. J. Appl. Math. Comput. (2024). https://doi.org/10.1007/s12190-024-02275-1	Journal Papers
92.	Z. Raza, B. A. Rather. M. Imran. (2024) Sombor characteristic values of cographs, , Heliyon, 10(19), 2024, e38578. 10.1016/j.heliyon.2024.e38578	Journal Papers
93.	Z. Raza, B. A. Rather. M Ghorbani. (2024). On cozero divisor graphs of ring to appear Communications in Combinatorics and Optimization. 10.22049/cco.2024.26112.1974	Journal Papers
94.	M. Ghorbani,R. Ravandi, Z. Raza(2024) On the largest eigenvalue of extended eccentric matrix, Chaos, Solitons & Fractals, 169, 113242. https://doi.org/10.1016/j.chaos.2024.115074	Journal Papers
95.	BA Rather, M Imran, Z. Raza, FB Farooq, (2024) Spectral properties of Sombor matrix of threshold graphs. RAIRO-Operations Research 58 (4), 2845-2864	Journal Papers
96.	A machine learning solutions approach of a time-delayed stochastic SEIRV model, M Zahri, khan Inayat, Z Rahat, khan Amir, I Rukhsar Networks and Heterogeneous Media 20 (2), 701-731	Journal Papers
97.	Decay results for a quasilinear wave equation with a nonlinear time-varying frictional damping of variable exponent T Hamadouche, SA Messaoudi, M Zahri Computational and Applied Mathematics 44 (5), 219	
98.	GENERAL DECAY OF SOLUTIONS OF A WEAKLY COUPLED ABSTRACT EVOLUTION EQUATIONS WITH ONE FINITE MEMORY CONTROL A Guesmia, SA Messaoudi, M Zahri Journal of Applied Analysis & Computation 14 (6), 3539-3557	
99.		

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

Funded Research

No.	Project Title	Principal Investigator	Grant Source	Amount (AED)

No.					
1.	Scalar Auxiliary Variable-Based Schemes for Solutions of Flow Problems	Aziz Takhirov	UOS	70000	
2.	Monitoring the Process Variability using Different Ranked Set Sampling Schemes	Tahir Abbas	Research & Graduate Studies Department, the University of Sharjah	AED: 52,000/-	
Total					

<mark>Events</mark>

No.	Event Name	Type*	Scope**	Date	Beneficiaries
1.	The 4th International Conference on Mathematics and Statistics (AUS-ICMS'25) FEBRUARY 20-22, 2025.	Conference	Research	Feb. 20-22, 2025	Academia
2.	UAE Math Day 2025	Conference	Research	April 12, 2025	Academia
3.	International Conference on Mathematical Sciences(JICMS), to be held at Jadara University	Conference	Research	November 25-27-2024	Academia
4.	The 4th International Conference on Mathematics and Statistics (AUS-ICMS'25) FEBRUARY 20-22, 2025.	Conference	Research	Feb. 20-22, 2025	Academia
5.	UAE Math Day 2025	Conference	Research	April 12, 2025	Academia
6.	Seminar on Student Advising on August 21, 2024.	Virtual session	Research	August 21, 2024.	Academia/Industry
7.	Seminar on "Trusted vs predatory journals, elsevier, 19 September 2024"	Virtual session	Research	19 September 2024	Academia/Industry
8.	Wiley seminar on "How Generative AI Changes Information Discovery, 27 March 2025	Virtual session	Research	27 March 2025	Academia
9.	Workshop by University of Sharjah library on "ProQuest One Academic", 7 May 2025.	Virtual session	Research	7 May 2025.	Academia
10.	Workshop by University of Sharjah library on	Virtual session	Research	September 17, 2024	Academia

	"RefWorks", 8 May				
11.	Elsevier Science Direct	Virtual session	Research	October 08, 2024	Academia
12.	"Heartsaver® First Aid CPR and AED Workshop	Workshop		April 30, 2025	
13.	UAE Math Day 2025 E Math Day 2025	Conference	Research	April 12, 2025	Academia
14.	FOURTH INTERNATİONAL CONFERENCE ON MATHEMATİCS AND STATİSTİCS (AUS-ICMS'25) FEBRUARY 20-22, 2025,	Conference	Research	Feb. 20-22, 2025	Academia
15.	AIMS conference	Conference	Research	Dec. 16-20, 2024	Academia
16.	UA UAE Math Day 2025	Conference	Research	April 12, 2025	Academia
17.	FOURTH INTERNATİONAL CONFERENCE ON MATHEMATİCS AND STATİSTİCS (AUS-ICMS'25) FEBRUARY 20-22, 2025,	Conference	Research	Feb. 20-22, 2025	Academia
18.	the Fourth Sharjah International Summit on Improvement in Education	Conference	Teaching	Feb. 23-24, 2025	Teachers and staff
19.	UOS 4th Annual Strategic Conference	Conference	Local	8/12/2022	Faculty
20.	"CoS Students' Research Projects Defense Day"	Defense Day	Local	21/12/2022	Faculty and Students
21.	"Workshop on PDES and Applications", UOS	Workshop	National	February 11, 2023	Researchers
22.	"UAE Math Day 2023", Zayed University	Conference	National	March 4, 2023	Researchers
23.	the Second Sharjah International Conference on Education "AI and Beyond: Smart Education Unlocking Potential in the Digital Age	Conference	Teaching	May 12, 13, 2025	Academia
24.	Fourth International Conference on Mathematics and Statistics.	Conference	International	02/20-222025	Researchers in mathematical sciences.

25.	UAE-Math-Day.	Conference	International	04/12/2025	Researchers in mathematical sciences.
26.	International Symposium on Differential Geometry and Applications (ISDIGA 2025) (online)	Conference	International	07/2-3/2025	Researchers in mathematical sciences
27.	لوائح البكالوريوس و سياسات " "التسجيل (باللغة العربية)	Workshop	Local	11/14/2024	UOS Faculty members and Students
28.	RefWorks - The Citation Manager Tool	Workshop	Local	11/13/2024	UOS Faculty members and Students
29.	UOS OPEN DAY Representative Rosters	Exhibition	Local	10/03/2024	Higher Schools UAE Students
30.	Bridging Academic knowledge and Practical Conservation	Workshop	Local	5/01/2025	UOS Faculty members and Students
31.	Second Analysis Mathematical International Conference (AnMath 24)	Conference	Research	29 July- 02 August 2024	Renyi Institute of Mathematics, Hungary
32.	2nd ICONEST 2024 International Conference on , Emerging Trends in AI and Computational Technologies	Conference	Research	15-16 Nov 2024	Universitas PGRI Ronggolawe (UNIROW), Tuban, Indonesia
33.	Jadara International Conference on Mathematical Sciences (JICMS)	Conference	Research	25-27 Nov 2024	Jadara University in Irbid, Jordan
34.	FOURTH INTERNATİONAL CONFERENCE ON MATHEMATİCS AND STATİSTİCS (AUS-ICMS'25)	Conference	Research	Feb. 20-22, 2025	AUS/UAE
35.	The 2nd Sharjah International Conference on Education "AI and Beyond: Smart Education Unlocking Potential in the Digital Age", University of Sharjah	Conference	National	May 12-13, 2025	Faculty and Students
36.					
37.	"UAE Math Day 2025", University of Sharjah	Conference	international	April 12, 2025	Researchers

| 38. | "UOS 6th Annual Strategic Conference" at UOS | Conference | Local | 31/10/2024 | Faculty |

Seminars

No.	Speaker	Affiliation	Title	Date
1.	**Mahmoud Benkhelifa**	**AUS**	Torsion in the Group of Self-Homotopy Equivalences of a CW-Complex.	**02/20-22/ 2025**
2.	**Mahmoud Benkhelifa**	**UOS**	Characterization of m-absorbing ideals in $\mathbb{Q}[x1, \ldots, xn]$.	**04/12/ 2025**
3.	**Mahmoud Benkhelifa**	**Munzur Univ., Turkey**	Torsion in E(X) : Insights from the Whitehead Exact Sequence	**07/ 2-3/2025**
4.				
5.				
6.				

Community Engagement

Community Service

No.	Event Name	Type*	Date	Beneficiaries
	EVALUATOR (Total)			
1.	MOOC Remedial Math is organized by the Institute of Leadership in Higher Education	Video lecture recordings	January 2025	Students & UOS Community
	Evaluate a PhD thesis: A STUDY ON ALGEBRAIC AND COMPUTATIONAL PERSPECTIVES OF A ROUGH SET, April 2025, for DEPARTMENT OF MATHEMATICS FACULTY OF ENGINEERING AND TECHNOLOGY SRM INSTITUTE OF SCIENCE AND TECHNOLOGY RAMAPURAM - 600 089		April 2025	Academia
	Evaluated a promotion file for Sultan Qaboos University	November 2024		
	Evaluated a paper "On ring extensions pinched at an arbitrary intermediate ring" for the journal "Ricerche di Matematica" on September 2, 2024.	September 2024		
	Evaluated a PhD thesis " A STUDY ON ANTI FUZZY SUB ALGEBRAS	September 2024		

	AND ANTI FUZZY IDEALS IN INK -ALGEBRA" for the university "Bharathidasan University, Tiruchirppalli-24, Tamil Nadu, India", on September 2, 2024.			
	Reviewed the paper " Zariski topology on the secondary-like spectrum of a module" for Math Review of the American Mathematical Society.	October 2024		
	Reviewed the paper '"A note on maximal non-λ-rings" for Zentral Blatt fuer Mathematik of the European Mathematical Society. March2025	March 2025		
	Member of the organizing committee of the UAE Math Day 2025.	2024-2025		
	Contributed to answer queries raised by CAA.			
	Edited several papers for "Journal of Mathematics".			
	Journal of Homotopy and related structures	Mahmoud Benkhalifa	2024	Referee
	Advances in Geometry	Mahmoud Benkhalifa	2024	Referee
	Palestine Journal of mathematics (2 papers)	Mahmoud Benkhalifa	2024	Referee
	"Modeling, Analysis and Simulation of some Evolutionary phenomena"	Research Group	2024	Faculty and researchers
	Participate in formulating a committee to launch the BSc program in Actuarial Sciences	Accreditation	2024	Students
	Google Scholar	Scientific Society	2024	Researchers
	Research Gate	Scientific Society	2024	Researchers
	"Modeling, Analysis and Simulation of some Evolutionary phenomena"	Research Group		Faculty and researchers
	Google Scholar	Scientific Society		Researchers
	Research Gate	Scientific Society		Researchers
	MOOC Remedial Math is organized by the Institute of Leadership in Higher Education	Video lecture recordings	January 2025	Students & UOS Community
	Data Analysis using SPSS: Hands-on Workshop at the Architectural Engineering Department, College of Engineering, UOS	Workshop	October 28, 2024 M8 114	Students & faculty at the Architectural Engineering Department
CHAIR(Total)				

1.	Chair a session (Math day 2025), UAE Math Day 2025	Conference	April 12, 2025	
2.	Chair a session (The 4th International Conference on Mathematics and Statistics (AUS-ICMS'25).)	conference	FEBRUARY 20-22, 2025	
3.	Chair a session (Math for AI education and Statistics), UAE Math Day 2025	Conference	April 12, 2025	Students and the Scientific community
Membership (Total)				
4.	Zbmath	Prof. Mahmoud Benkhalifa,	2024-2025	Reviewer
5.	MathSciNet	Prof. Mahmoud Benkhalifa,	2024-2025	Reviewer
6.	Computers and Industrial Engineering, IEEE Access, Mathematics, Scientific Reports	Review articles (7)	Aug-Dec 2024	Research Community/Society
7.	Aims Mathematics, Quality and reliability engineering international, Chemometrics and Intelligent Laboratory Systems, Sains Malaysia	Review articles (4)	Jan-May 2025	Research Community/Society
8.	Member organizing committee, UAE Math Day 2025	Conference	April 12, 2025	Students and the Scientific community
9.	"Bulletin of the Malaysian Mathematical Sciences Society"	Dr. Muhammad Islam	2024	Referee
10.	"Journal of Modern Mathematical Methods"	Dr. Muhammad Islam	2024	Referee
11.	"Journal of Elasticity"	Dr. Muhammad Islam	2025	Referee
12.	"Discrete and Continuous Dynamical Systems Series S"	Dr. Muhammad Islam	2025	Referee
13.	14. Associate Editor for Mathematics section of Heliyon https://www.cell.com/heliyon/mathematics/editors?__hstc=202032078.758bdbaec2a89aa4290a06d01fb0260c.1632156816753.1637073360693.1638204701038.10&__hssc=202032078.218.1638204701038&__hsfp=4009330973 15. Editorial Board Member of Discrete Mathematics Letters (DML) https://www.dmlett.com/editorial-team/ 16. Editorial board member of Open Journal of mathematical Sciences (OMS) https://pisrt.org/psr-press/journals/oms/editorial-board/ Editorial board member of Contribution to Mathematics https://shahindp.com/contributions-to-mathematics/ 17. Editorial board member of Journal of Discrete Mathematics and Its Applications (JDMA) https://jdma.sru.ac.ir/journal/editorial.board 18. Editorial board member of electronic journal of Mathematics https://shahindp.com/electronic-journal-of-mathematics/			
19.				
TV/NEWSPAPERS (Total = 1)				
JUDGE (Total = 01)				

20.	Graduation project "Equivalent Classes for Periodic Sequences generating Zahri Graphs"	Pr. Mahmoud Benkhelifa (Jury Member)	12/12/2024	Judge
SPEAKER (Total = 8)				
21.	**n**	**UAE-Math-Day- UOS**	Characterization of m-absorbing ideals in $\mathbb{Q}[x1,\ldots,xn]$..	**04/12/2025**
EDITOR (Total = 43)				
				Mahmoud Benkhelif
22.	**Mahmoud Benkhelifa**	International Symposium on Differential Geometry and Applications (ISDIGA 2025) (online)- Munzur University, Turkey	Torsion in E(X) : Insights from the Whitehead Exact Sequence	**07/2-3/2025**
23.	Aims Mathematics, Quality and reliability engineering international, Chemometrics and Intelligent Laboratory Systems, Sains Malaysia	Review articles (4)	Jan-May 2025	Research Community/Society
24.	Member organizing committee, UAE Math Day 2025	Conference	April 12, 2025	Students and the Scientific community
25.	**26.** Mathematical Methods in the Applied Sciences (Weily) https://onlinelibrary.wiley.com/page/journal/10991476/homepage/editorialboard.html **27.** Arabian Journal of Math. (springer) https://www.springer.com/journal/40065/editors **28.** Palestine Journal of Math. https://pjm.ppu.edu/editorial_board **29.** International Journal of Differential Equations (Hindawi) https://www.hindawi.com/journals/ijde/editors/ **30.** Nonautonomous Dynamical Systems (Degruyter) https://www.degruyter.com/journal/key/msds/html#editorial			
31.				
32.				
ORGANIZER (Total = 15)				

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