

AU TECHNICAL REPORT

SCIENTIFIC RESEARCH CENTER
2024/2025

Office of the Vice President - Academic Affairs



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RESEARCH AT AU



Over the past few years, there has been a significant transformation in the research landscape at the Australian University (AU). The university has undergone a strategic overhaul in its approach and governing structure, aiming to make impactful research a central and strategic pursuit. This shift has led to a concentrated emphasis on several key research domains, encompassing water and environmental studies, energy, materials, mechatronics, and automation, as well as educational philosophies, innovation, entrepreneurship, business management, finance, marketing, and communication. To bolster its research capabilities, AU has proactively forged both domestic and international partnerships, facilitating the exchange of knowledge and enhancing research prowess. Notably, collaborative agreements have been established with global counterparts like Central Queensland University (CQUniversity), enabling faculty members to collaborate on joint research initiatives. On a national scale, AU has expanded its research horizons through collaborations with local funding bodies such as the Kuwait Foundation for the Advancement of Sciences (KFAS). Internally, AU has introduced grant schemes to financially support cross-disciplinary research focusing on pivotal national priorities. Additionally, inventive incentive plans have been devised and implemented to motivate faculty engagement in impactful research and publication in esteemed academic journals. AU boasts a diverse and highly accomplished faculty body, possessing extensive expertise across a wide spectrum of subjects. These faculty members are committed to producing graduates of the highest caliber, equipped to navigate the ever evolving and demanding landscape of industry.



Aligned with Kuwait's National Development Plan (New Kuwait Vision 2035), the Research Center at AU is actively establishing and nurturing thematic lines of applied research, addressing priority domains. Notably, the research endeavors are geared towards addressing real-world challenges and are underpinned by robust industry engagement. AU's research program is dedicated to enhancing the influence and productivity of scholarly activities across various disciplines within and beyond the university's confines.

VISION, MISSION, AND PRIORITIES

Vision

Our research vision is to enhance the profile of AU as a higher educational institution by contributing to the pursuit of original research aimed at extending the boundaries of applied knowledge.

Mission

The research mission is as follows:

- To enhance the research profile of AU locally, regionally, and internationally
- To create national and international impact in the field of applied research
- To establish a research program supportive of the applied teaching model at AU
- To create interdisciplinary and collaborative research
- To sustain strong partnerships with research funding organizations such as Kuwait Foundation for the Advancement of Sciences (KFAS), Kuwait Institute for Scientific Research (KISR), and the industry.

Research Priorities

The Scientific Research Center is establishing and sustaining thematic lines of applied research that address priority areas aligned with KFAS and the National Development Plan of Kuwait (New Kuwait Vision 2035). It is committed to identifying research areas that can support AU's attainment of its 2025 strategic plan. We chose to select research areas that have potential to attract support from funding agencies and have a high success rate at AU. Based on our faculty research interests, we recommend continuing focusing on the national research priorities that are aligned with Kuwait vision 2035. The following areas to be considered for focused research investments in the near term.

- Energy
- Water
- Health and Environment
- Digital Transformation
- Education
- Macroeconomics
- Infrastructure and Urban Development
- Innovation and Entrepreneurship
- Marketing Communication
- Nanotechnology
- Artificial Intelligence

RESEARCH OUTCOMES

COMPARISON OF AU RESEARCH OUTPUT BETWEEN FOUR CONSECUTIVE ACADEMIC YEARS (2017/2018 - 2024/2025)

This section compares AU research output between eight consecutive academic years as shown in Figures 1 and 2.

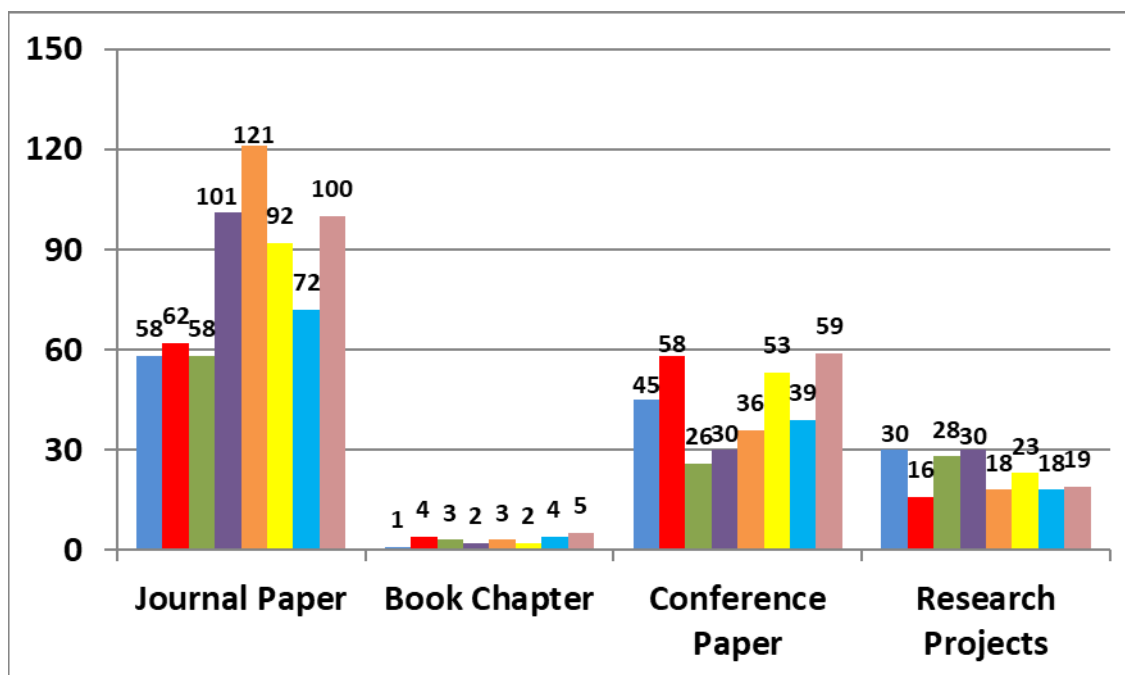


Figure 1 Comparison of AU Research output from 2017/2018 to 2024/2025

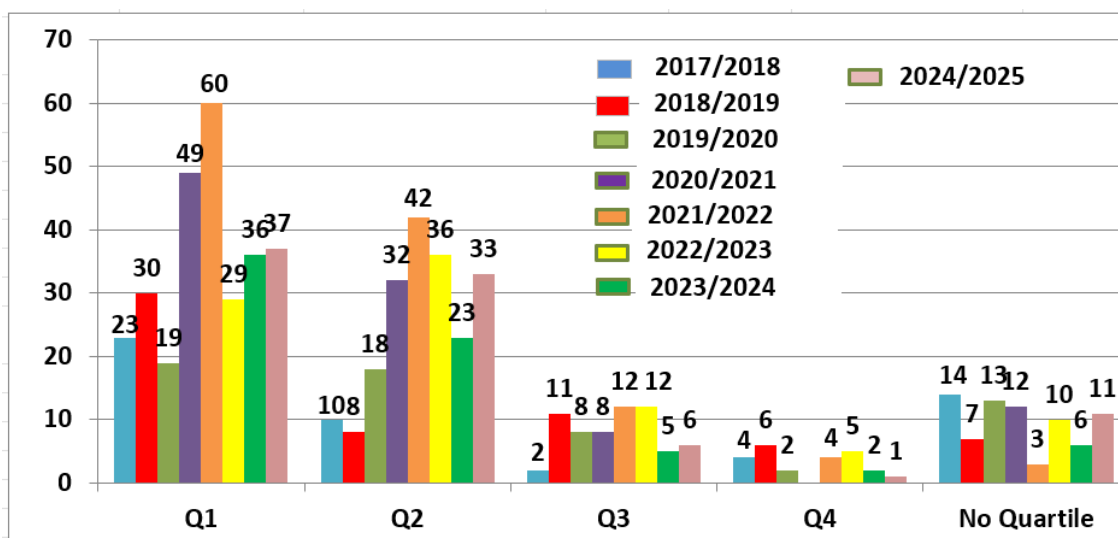


Figure 2 Comparison of AU Research Q Journals from 2017/2018 to 2024/2025

PUBLICATIONS (JOURNALS, CONFERENCES, AND BOOKS)

AU faculty members published a total of 159 research work covering the period from September 1st, 2024, through August 1st, 2025 (100 journal papers and 59 conference papers). AU faculty received 9 funded KFAS projects and 10 AU internal research grants as shown in Figure 3. Many peer-reviewed papers were published in Q journals (ranking based on Scopus), as depicted in Table 1 and Figure 4. According to Scopus, 43 publications in Q1 Journals (research paper published in top 25% of the international journals), 36 publications in Q2 journals (research paper published in the middle-high position – between top 50% and top 25%), 7 publications in Q3 journals (middle-low position), 2 publication in Q4 journals, and 12 in no-Quartile journals

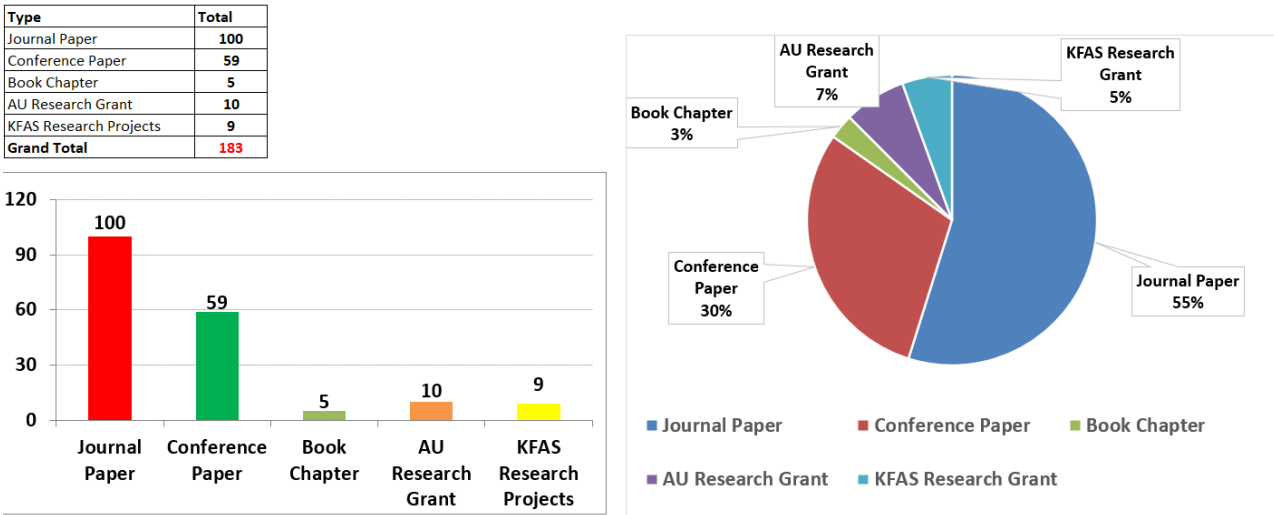


Figure 3 AU Research Faculty Output for 2024/2025

Table 1 AU Published papers in Q journals - Academic Year 2024/2025

Quartile (From Scopus)	Number of Published Journal Papers	Percentage (%)
Q1	43	43.00
Q2	36	36.00
Q3	7	7.00
Q4	2	2.00
No Quartile	12	12.00
Grand Total	100	100



PUBLICATIONS (JOURNALS, CONFERENCES, AND BOOKS) CONT.

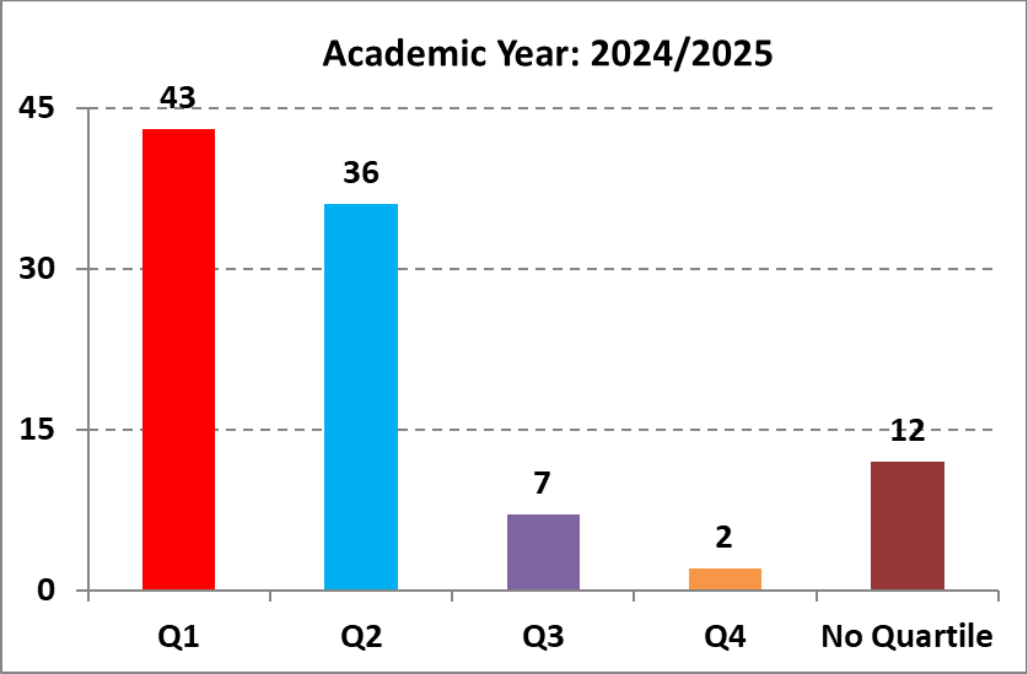


Figure 4 AU Research Faculty Output in Q-Journals for 2024/2025

KFAS PROPOSALS - 2024/2025

AU’s strategy is to promote an environment rich in opportunities for original research, education, and innovation through the constant support of faculty, infrastructure, and collaboration with organizations, including the Kuwait Foundation for Advancement of Science (KFAS). Table 2 shows a summary of the approved KFAS grants for the Academic Year 2024/2025.

Table 2 Summary of the approved KFAS grants for the Academic Year 2024/2025

Sr.	Name of Funding Body	Title of the Project	Principal Investigator	Department	Local Collaboration	External Collaboration
1	KFAS	Development of Novel Treatment for Osteoarthritis with Extended Pharmaceutical Effects and Improved Load Bearing Capacity and Joint Mobility	Dr. Hayder Salem	Mechanical	N/A	University British Columbia
2	KFAS	Deep Learning-Enhanced Automated Visual Inspection for Improved Structural Health Monitoring	Dr. Mohamad Hani Yassin	Civil	N/A	Idaho State University
3	KFAS	CYBERGEN: Advancing Cyber Resilience through AI in Collaborative Smart Grids and Hydrogen Mobility	Dr. Majdi Al Omari	Electrical	N/A	CQU
4	KFAS	Experimental Study on the Utilization of Kuwaiti Oil-Contaminated sand and Natural Fiber in Concrete as Sustainable Alternative to Conventional Materials	Dr. Zaibab Al Hajaj	Mechanical	N/A	N/A

Sr.	Name of Funding Body	Title of the Project	Principal Investigator	Department	Local Collaboration	External Collaboration
5	KFAS	A Comparative Study of AI-Driven Green Energy Technologies and Ergonomics in Traditional vs. Smart Homes in Kuwait	Dr. Nader Ghareeb	Mechanical	N/A	Multimedia University
6	KFAS	The AI Paradigm Shift: Reshaping Assessment Strategies in Higher Education	Dr. Hassan Salti	Electrical	N/A	CQU
7	KFAS	Advancing Fouling Prediction and Mitigation Strategies in Al Zour Refinery (ZOR) Preheat Exchangers: Leveraging Empirical Evidence and Artificial Intelligence	Dr. Mohamad Omer	Petroleum	KISR	Idaho State University
8	KFAS	A Holistic Framework for Academic Performance Monitoring and Advising Using Deep Learning	Dr. Arash Mehdizadeh	Electrical	N/A	George Washington University
9	KFAS	Integrating Artificial Intelligence (AI) to Enhance Human Resource Management Capabilities of Small and Medium Enterprises in Kuwait	Ms. Hamsa Sarhan	HR	N/A	CQU

AU 7TH CALL FOR RESEARCH PROPOSALS

To promote the research environment among faculty members, the AU Research Center has released AU 7th Call for research proposals on February 1st, 2024. A total of 13 research applications were submitted. The distribution of proposal types is shown in Figures 5 and 6.

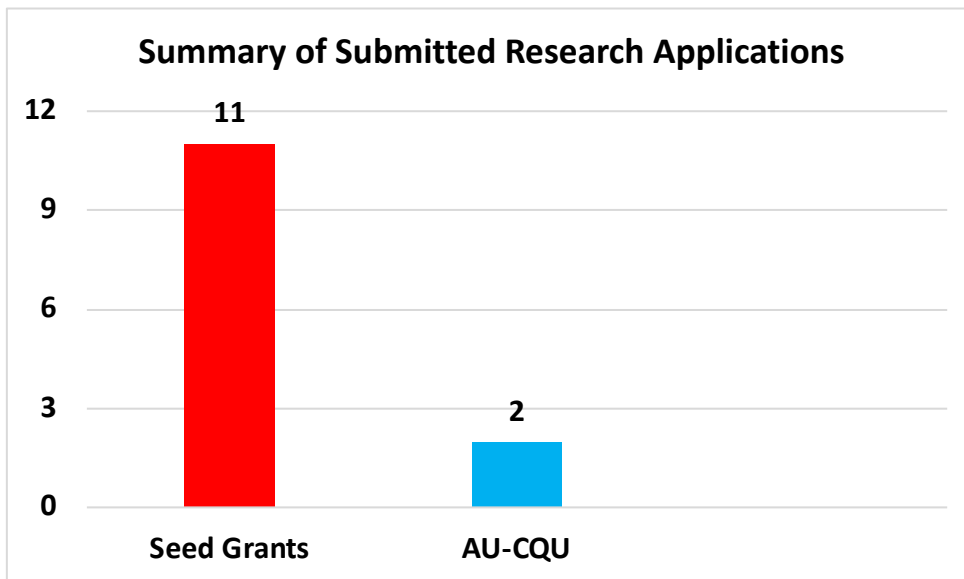


Figure 5 Summary of submitted research applications for AU 7th Call - 2024/2025

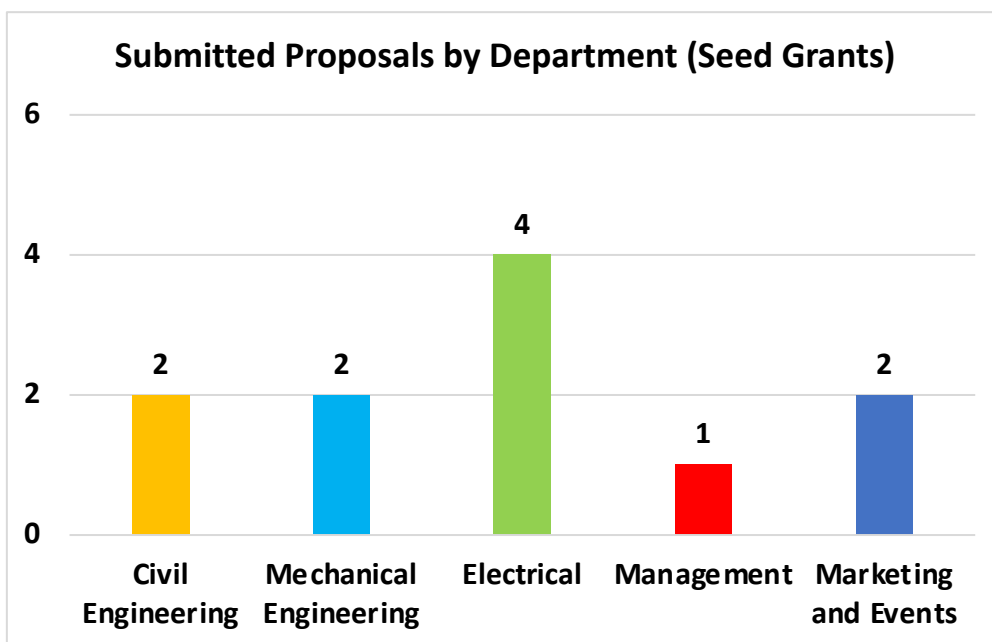


Figure 6 Summary of submitted research applications by department (seed grants) for AU 7th Call - 2024/2025

AU's strategy is to promote an environment rich in opportunities for original research, education, and innovation through the constant support of faculty, infrastructure, and collaboration with organizations, including the Kuwait Foundation for Advancement of Science (KFAS). Table 2 shows a summary of the approved KFAS grants for the Academic Year 2024/2025.

Table 3 Summary of approved proposals for 7th Call – 2024/2025

SR#.	Name	Grant	Co- Investigators	Project Title
1	Dr. Laila Al Dabt Principal) (Investigator	Seed Grant	Faisal Al-Reshaid Shihanah Al Mutairi Ahmad Al Saber Vladimir Simovic	Sport as a Catalyst for Nation Branding: Exploring the Case of Saudi Arabia
2	Dr. Ahmad Aiash	Seed Grant	Dr. Ahmed Assad	Examining the Role of Roadside Distractions in Driver Safety: An Eye Tracking Approach
3	Dr. Ahmed Assad	Seed Grant	Dr. Ahmad Aiash	Holistic AI-Based Autonomous Condition Assessment for Bridges
4	Dr. Ehab Bani Hani	Seed Grant	Dr. Mamdouh Assad	Technical and economic feasibility study of water desalination system proper for Kuwait
5	Dr. Faidon Theofanidis	Seed Grant	Christos Livas Vladimir Simovic Ivana Domazet	Sophistication, Goal Attainment and Satisfaction with Personal Care Products
6	Hamzeh Aljarajreh	Seed Grant	Mohamad Farhat	Design and Control of Efficient Three-Port Converters for Renewable Energy Applications
7	Dr. Mohamad Farhat	Seed Grant	Dr. Ahmad Sadakat Dr. Mohamad Salam	Developing an AI-Powered PMV System for Comfort-Optimized Bus Stops in Kuwait



SR#.	Name	Grant	Co- Investigators	Project Title
8	Dr. Yamin Nissi	Seed Grant	Prof.Alper Erturk Dr.Mirna Safi Dr.Jawad Shahine	A Meta-Analysis of Industry Technologies vs. Traditional 5.0 Supply Chain Management Practices: Enhancing Performance, Sustainability, Human Factors, and Resilience in Manufacturing
9	Dr. Nader Ghareeb	Seed Grant	Dr. Ehab Bani Hani Dr. Mohamad Hussein Farhat	Experimental Correlations for the Physical Properties of Sea Water Contaminated with Crude Oil / Crude Oil Components at Varying Ranges of Environmental Conditions and Internal Sea Water Characteristics
10	Dr. Sadeq Damrah	AU - CQU Grant	Dr. Abd Ulazeez Alkouri Dr. Santoso Wibowo	Comparative Lessons from Kuwait and Australia: A Fuzzy-Based Approach for Intangible Asset Valuation and Risk Assessment in Islamic Banking

FULL DETAILS ON THE PUBLICATIONS OF THE AU FACULTY MEMBERS FOR THE ACADEMIC YEAR 2024/2025

Table 4 Publication of Engineering Fall 2024/2025

Publications of College of Engineering					
Sr.	Authors	Publication Title	Name of Journal/ Conference	Category / Impact Factor	Date
Mechanical Engineering Department					
1	Henry K. Shen, Wisam K. Hussam and Gregory J. Sheard ¹	Three-dimensional stability of natural convection flows in inclined square enclosures	Journal of Fluid Mechanics	Journal (Q1: Impact Factor: 4.49)	13/01/2025
2	Shafahat Ali, Ibrahim Deiab, Salman Pervaiz	State-of-the-Art Review on Fused Deposition Modeling (FDM) for 3D Printing of Polymer Blends and Composites: Innovations, Challenges, and Applications	The International Journal of Advanced Manufacturing Technology	Journal (Q2: Impact Factor: 3.4)	29/11/2024
3	Julia Billings, Julia Gee, Zinah Ghulam, Hussein A Abdullah	Smart Compression Sock for Early Detection of Diabetic Foot Ulcers	Sensors	Journal (Q2: Impact Factor: 4.24)	29/11/2024
4	R Kalbasi, A Sedaghat, K Khanafer, A Al- Masri,	An experimental study on application of phase change materials in a portable cabin in Wintertime of Kuwait under Active/Passive cooling,	Applied Thermal Engineering	Journal (Q1: Impact Factor: 6.95)	14/9/2024

Publications of College of Engineering					
Sr.	Authors	Publication Title	Name of Journal/ Conference	Category / Impact Factor	Date
5	Ahmad Sedaghat, Rasool Kalbasi, Ali Mostafaeipour, Mohammad Nazififard	Practical application of machine learning in energy and thermal management: Long- term data analysis of solar-assisted AC systems in portable cabins in Kuwait and Australia	Renewable Energy	Journal (Q1: Impact Factor: 9.0)	5/10/2024
6	Ahmad Sedaghat, Mohammad Nazififard, and Mohamad Iyad Al- Khiami,	Dynamic IoT Determination of Overall Heat Transfer Coefficient in a Portable Cabin in Kuwait,	7 th IFIP International Internet of Things (IoT) Conference, Nice - Sophia Antipolis, France	Conference	6-8/11/ 2024
7	Mohamad Iyad Al-Khiami, Sayed Mohamad Soleimani, Ahmad Sedaghat, Mahdi Ashtian Malayer	Impact of Phase Change Materials on Temperature Regulation in Passive Cooling Systems	9 th International Conference on Sustainable Energy Engineering (ICSEE 2025), Australia	Conference	18-20/1/ 2025
8	Arash Mehdizadeh, Ahmad Sedaghat, and Sayed Mohamad Soleimani	Thermal Comfort, Humidity, and Air Quality in Passive Cooling Systems Using Phase Change Materials	2 nd GCC International Conference on Industrial Engineering and Operations Management, Muscat, Oman	Conference	1-3/12/ 2024
9	Wisam K. Hussam, Asif Jaman, Raouf Mibarki, Rafid Al Mahmud, and Gregory J. Sheard	Techno-economic and environmental evaluation of integrated microgrid systems for electrification and hydrogen production	The 7 th International Symposium on Hydrogen Energy and Energy Technologies (HEET 2024), Osaka/Japan	Conference	November 14-15, 2024

Publications of College of Engineering					
Sr.	Authors	Publication Title	Name of Journal/Conference	Category / Impact Factor	Date
10	Adel Younis	Artificial Intelligence in Pipeline Integrity Management	7 th international Maintenance, Reliability & Asset Management Conference & Exhibition, Bahrain	Conference	13-16/10/2024
11	Adel Younis	Artificial Intelligence in Pipeline Monitoring	3 rd MARTIC Maintenance & Reliability Technology Innovation Conference, Kuwait	Conference	17-19/9/2024
12	Al Hajaj, Z., Sagir, M.,	Analytical Investigation of PCM Embedded in Energy Storage Pile: Numerical Approach	10 th International Conference on Renewable Energy and Conservation, Rome, Italy	Conference	22-24/11/2024
13	Shafahat Ali, Ibrahim Deiab, Salman Pervaiz	Optimizing the properties of PHBV/PBAT blend for additive manufacturing	3 rd CIRP Conference on Composite Material Parts Manufacturing" Braunschweig Germany	Conference	24-27/9/2024
14	Shafahat Ali, Ibrahim Deiab, Akrum Abdul-Latif	Mechanical Properties of PLA-CF Composites via FDM: Characterization and Optimization"	The 10 th Jordanian International Mechanical Engineering Conference (JIMEC 10)" Amman Jordan	Conference	8-10/10/2024

Publications of College of Engineering					
Sr.	Authors	Publication Title	Name of Journal/ Conference	Category / Impact Factor	Date
Civil Engineering Department					
1	Jan Bolcek, Mohamed Barakat A Gibril, Rami Al- Ruzouq, Abdallah Shanableh, Ratiranjan Jena, Nezar Hammouri, Mourtadha Sarhan Sachit, Omid Ghorbanzadeh	A comprehensive evaluation of deep vision transformers for road extraction from very-high- resolution satellite data	Science of Remote Sensing	Journal (Q1: Impact Factor: 5.7)	28/12/2024
2	Haleema Riaz, Saima Anjum, Syeda Rabia Ejaz, Muhammad Imran Khan, Abdallah Shanableh	Development and characterization of Co ²⁺ and Al ³⁺ substituted Ni- Cu ferrites for the removal of organic pollutants from wastewater	Inorganic Chemistry Communications	Journal (Q2: Impact Factor: 4.5)	26/12/2024
3	Samy Elhadi Oussadou, Sumina Namboorimadathil Backer, Javad BM Parambath, Ismail W Almanassra, Muath Mousa, Yehia Manawi, Muataz Ali Atieh, Abdallah Shanableh	Solar-driven remediation of antibiotics in synthetic and real reverse osmosis brine: Addressing lattice oxygen demand and electron transfer for improved purification	Separation and Purification Technology	Journal (Q1: Impact Factor: 8.8)	30/8/2024
4	Zobia Asghar, Fawad Ahmad, Muhammad Imran Khan, Abdallah Shanableh, Mushtaq Hussain Lashari	Advancements in Gadolinium-doped Carbon Quantum Dots for Dual-Modal Bioimaging: Synthesis and Applications	MatSci Express	Journal (N/A: Impact Factor: N/A)	11/11/2024
5	Syed Gazanfar Abbas, Fatima Sherazi, Muhammad Hayat, Suryyia Manzoor, Nadeem Raza, Faryal Aftab, Shamroza Mubarik, Muhammad Imran Khan, Abdallah Shanableh, Rafael Luque	Efficient determination of fish spoilage using colorimetric strips from sugarcane bagasse waste	Results in Engineering	Journal (Q1: Impact Factor: 6.5)	21/1/2025

Publications of College of Engineering

Sr.	Authors	Publication Title	Name of Journal/ Conference	Category / Impact Factor	Date
6	Muhammad Saiful Islam, Mohamed Salem, Mohamed Tantawy, and Mohamed Salah	Cost Overrun Risk Assessment for Healthcare Projects: A Modified Fuzzy Group Decision-Making Approach	Journal of Construction Engineering and Management	Journal (Q1: Impact Factor: 4.78)	17/9/2024
7	Sadeq, M; Salem, M., Tantawy, M, Salah, S.	BIM adoption in MENA's construction industry: A contractor's perspective.	Civil Engineering Journal (Iran)	Journal (Q1: Impact Factor: 4.85)	4/8/2024
8	Masoud Irannezhad, Zahrah Abdulghafour, Retaj AlQallaf, Fadak Abdulreda, Ghadeer Shamsah, Hajar Alshammari	Variations and Trends in 115 Years of Graded Daily Precipitation Records at Three Hydrometeorological Stations in Finland.	Water (MDPI)	Journal (Q1: Impact Factor: 3.27)	18/9/2024
9	Masoud Irannezhad, Zahrah Abdulghafour, Amin Sadeqi	Climate teleconnections influencing historical variations, trends, and shifts in snow cover days in Finland	Earth Systems and Environment	Journal (Q1: Impact Factor: 6.65)	3/9/2024
10	Masoud Irannezhad, Zahrah Abdulghafour, Hannu Marttila	Annual and seasonal mean daily discharge in natural and regulated rivers in Northern Finland: variability, trends, and links to climate teleconnections	Hydrology Research	Journal (Q2: Impact Factor: 2.7)	6/9/2024
11	Mohammad Hany Yassin, Rana Ezzdine Lakys, Zein-Eddine Merouani, Adel Jumah & Mohamad Hussein Farhat	Performance analysis of palm tree microfibers in concrete	Scientific Reports	Journal (Q1: Impact Factor: 3.9)	19/12/2024

Publications of College of Engineering					
Sr.	Authors	Publication Title	Name of Journal/ Conference	Category / Impact Factor	Date
12	Mohammad Hany Yassin, Mohamad Hussein Farhat, Michel Nahas, Ahmad Said Saad	Investigation of fiber Bragg grating sensor measurability in concrete beams under static load conditions	Heliyon	Journal (Q1: Impact Factor: 4.0)	1/11/2024
13	Yassin, M.H., Farhat, M.H., Soleimanpour, R. et al.	Fiber Bragg grating (FBG)-based sensors: a review of technology and recent applications in structural health monitoring (SHM) of civil engineering structures	Discover Civil Engineering	Journal (N/A: Impact Factor: N/A)	25/11/2024
14	Mohamed Salem, Ruqaya S. Al-Sabah, Mohamed T. Elnabwy, Emad Elbeltagi and Mohamed Tantawy	Critical Success Factors for the Widespread Adoption of Virtual Alternative Dispute Resolution (VADR) in the Construction Industry: A Structural Equation Modeling Analysis	Buildings	Journal (Q2: Impact factor: 3.57)	16/9/2024
15	Mohamad Iyad Al-Khiami, Sayed Mohamad Soleimani, Ahmad Sedaghat, Mahdi Ashtian Malayer	Impact of Phase Change Materials on Temperature Regulation in Passive Cooling Systems	9 th International Conference on Sustainable Energy Engineering (ICSEE 2025), Australia	Conference	18-20/1/ 2025
16	Ahmad Sedaghat Mohammad Nazififard Mohamad Iyad Al-Khiami	Dynamic IoT Determination of Overall Heat Transfer Coefficient in a Portable Cabin in Kuwait	7 th IFIP International Internet of Things (IoT) Conference, Nice - Sophia Antipolis, France	Conference	6-8/11/ 2024
17	Arash Mehdizadeh, Ahmad Sedaghat, and Sayed Mohamad Soleimani	Thermal Comfort, Humidity, and Air Quality in Passive Cooling Systems Using Phase Change Materials	2 nd GCC International Conference on Industrial Engineering and Operations Management, Muscat, Oman	Conference	1-3/12/ 2024

Publications of College of Engineering					
Sr.	Authors	Publication Title	Name of Journal/ Conference	Category / Impact Factor	Date
18	Masoud Irannezhad, Zahrah Abdulghafour	Climate Teleconnections Influencing Desertification in the Lancang-Mekong River Basin	The 10 th International Conference on Water Resource and Environment 2024 (WRE2024) Published in "WRE 2024 Proceeding-book series Lecture Notes in Civil Engineering"	Conference	15-18/12/2024
Petroleum Engineering Department					
1	Biltayib Misbah, Rida Elgaddafi, Rana N. Malhas, Suad Al Radhwan, Asama Hussain, Ali Hersi	Exploring the rheology characteristics of Flowzan and Xanthan polymers in drilling water based fluids at high-temperature and high-shear rates	Geoenergy Science and Engineering	Journal (Q1: Impact Factor: 5.3)	7/9/2024
2	Jean H El Achkar, Suad Al Radhwan, Ahmed M Al-Otaibi, Abdul Md Mazid	Optimizing food waste anaerobic digestion in Kuwait: Experimental insights and empirical modelling using artificial neural networks	Waste Management & Research	Journal (Q1: Impact Factor: 4.6)	5/10/2024
3	Sayed Mehdi Alizadeh, Yasin Khalili and Mohammad Ahmadi	Comprehensive Review of Carbon Capture and Storage Integration in Hydrogen Production: Opportunities, Challenges, and Future Perspectives	Energies	Journal (Q2: Impact Factor: 3.5)	26/10/2024
4	Mayet, A.M., Shahsavari, M.H., Alizadeh S.M., Hanus, R., Parayangat, M., Ramkumar, M.R., Mohammad, A.M., Mohammed, A.S., and Kubiszyn, P.	A novel approach for measuring the void fraction in stratified air-water systems utilizing an 8-blade capacitance-based sensor, sinogram, and a deep neural network	Advances in Science and Technology Research	Journal (Q3: Impact Factor: 1.2)	1/12/2024

Publications of College of Engineering					
Sr.	Authors	Publication Title	Name of Journal/Conference	Category / Impact Factor	Date
5	Mayet, M.A., Alizadeh, S.M., Parayangat, M., Guerrero, J.W., Ramkumar M.R., Mohammed, A.M., Mohammed, A.S.	ACO-Based Feature Selection and Neural Network Modeling for Accurate Gamma-radiation Based Pipeline Monitoring in the Oil Industry	Applied Radiation and Isotopes	Journal (Q3: Impact Factor: 1.65)	13/11/2024
6	K. W. Amadi; R. M Elgaddafi; M. A AlAli; A. M Dashti	Reconstructing Missing and Non-Recorded Well Log Data Using Machine Learning Techniques	Mediterranean Offshore Conference, Alexandria, Egypt, October 20, 2024	Conference	20/10/2024
Electrical and Electronics Engineering Department					
1	Majdi M. Alomari, Hania EL-Kanj, Ayse Topal, Nafesah I. Alshdaifat	Designing an Effective Energy Literacy Course: A Multi-Phase Approach Tailored to Kuwaiti Students' Needs	World Transactions on Engineering and Technology Education	Journal (Q2: Impact Factor: 0.96)	1/12/2024
2	Biltayib Misbah, Rida Elgaddafi, Rana N. Malhas, Suad Al Radhwan, Asama Hussain, Ali Hersi	Exploring the rheology characteristics of Flowzan and Xanthan polymers in drilling water-based fluids at high-temperature and high-shear rates	Geoenergy Science and Engineering	Journal (Q1: Impact Factor: 5.3)	7/9/2024
3	Arash Mehdizadeh, Ahmad Sedaghat, and Sayed Mohamad Soleimani	Thermal Comfort, Humidity, and Air Quality in Passive Cooling Systems Using Phase Change Materials	2 nd GCC International Conference on Industrial Engineering and Operations Management, Muscat, Oman	Conference	1-3/12/ 2024
4	Amin Al Ka'bi; Khaled AbuJbarah	Design of Wideband MIMO Antenna for 6G THz Systems	International Conference on Computer & Applications (IEEE/ ICCA 2024), 17-19/12/2024, Cairo, Egypt	Conference	17-19/12/2024

Publications of College of Engineering					
Sr.	Authors	Publication Title	Name of Journal/Conference	Category / Impact Factor	Date
5	Amin Al Ka'bi; Khaled AbuJbarah	Reliability Analysis and Evaluation of PLC's Functional Diagrams	International Conference on Computer & Applications (IEEE/ ICCA 2024), 17-19/12/2024, Cairo, Egypt	Conference	17-19/12/2024
6	Amir Barakati, Arash Mehdizadeh, Baktanoosh K. Nakhjavani	Machine Learning for Legal Contract QA: Analyzing and Enhancing ELECTRA with Adversarial Triggers	2 nd GCC International Conference on Industrial Engineering and Operations Management, Muscat, Oman	Conference	1-3/12/2024
Mathematics and Physics Department					
1	Oualid Abidi, Khalil Nimer, Ahmed Bani-Mustafa, Sam Toglaw, Vladimir Dzenopoljac	Do faculty members matter in corporate entrepreneurship in Kuwaiti higher education institutions?	Journal of Applied Research in Higher Education	Journal (Q2: Impact Factor: 3.0)	27/11/2024
2	Ahmed Hassanein, Ahmed Bani-Mustafa & Khalil Nimer	A country's culture and reporting of sustainability practices in energy industries: does a corporate sustainability committee matter?	Humanities and Social Sciences Communications	Journal (Q1: Impact Factor: 4.1)	5/9/2024
3	Mohammad I Elian, Ahmed Bani-Mustafa, Nabeel Sawalha, Ahmad R Alsaber, Jiazhu Pan	Impact of Economic Growth and Exchange Rate Volatility on FDI Inflows: Cointegration and Causality Tests for the BRICS Countries	International Journal of Economics and Financial Issues	Journal (Q3: Impact Factor: 0.5)	1/11/2024
4	Marziyeh Nazari, Farnaz Zadehahmadi, Muhammad Munir Sadiq, Ashley L. Sutton, Hamidreza Mahdavi, Matthew R. Hill	Challenges and Solutions to the Scale-up of Porous Materials	Communications Materials	Journal (Q1: Impact Factor: 7.67)	29/08/2024

Publications of College of Engineering					
Sr.	Authors	Publication Title	Name of Journal/Conference	Category / Impact Factor	Date
5	Sadeq Damrah , Wassim Daher	Strategic competition between insiders with public information and overconfident market makers	Proceedings of the International Conference on Science, Engineering Management and Information Technology SEMIT 2024, Turkey	Conference	12-13/9/2024
6	Sadeq Damrah, Mahmoud Darassi, Yousef Abuhour	Mathematical Modeling for Financial Risk Assessment and Loan Management	Proceedings of the International Conference on Science, Engineering Management and Information Technology SEMIT 2024	Conference	12-13/9/2024
7	Sadeq Damrah, Fekri Shawtari	Do Artificial Intelligence and Digital Transformation Enhance or Hinder Sustainability? A Case Study from GCC	Entrepreneurship for Sustainability & Impact (ESI), Qatar	Conference	23-24/11/2024

Table 5 Publication of Business Fall 2024/2025

Publications of College of Business					
Sr.	Authors	Publication Title	Name of Journal/Conference	Category / Impact Factor	Date
Management Department					
1	Alper Ertürk, Razan Alkhayyat	Managing Employee Retention as A Strategic HRM Activity: Organizational Justice Effects Moderated by Tenure	International Journal of Business & Management Studies	Journal (Open Access: Impact Factor: N/A)	1/10/2024
2	Alper Ertürk, Razan Alkhayyat	Exploring the Association Between Knowledge Management and Innovation Capability in R&D Centers	International Business Research	Journal (Open Access: Impact Factor: N/A)	1/10/2024

Publications of College of Business					
Sr.	Authors	Publication Title	Name of Journal/ Conference	Category / Impact Factor	Date
3	Alper Erturk, Khaled Abu Jbara, Wael Dabboussi, Razan Alkhayyat	Using Artificial Intelligence for Promoting Sustainability: Utilization of Machine Learning Approach in Predictive Maintenance of Wind Energy System	19 th International Strategic Management Conference, Australian University, Kuwait	Conference	26/11/2024
4	Mirna Safi, Farid Abdallah, Alper Erturk, Wael Dabboussi, Omar Alhussainan, Sapheya Aftimos, Dalal Dawwas	Strategic Role of Human Resource Analytics: An Applied Case Study at Australian University	19 th International Strategic Management Conference, Australian University, Kuwait	Conference	26/11/2024
5	Rutter, Richard., Telford, Steven, Naduea, J., & Lettice, F	Marketing Higher Education Across Countries: An Examination of Co-Branding Kuwaiti HEIs	Global Brand Conference of the Brand, Identity and Corporate Reputation SIG, Católica Porto Business School, Porto, Portugal.	Conference	In press
Marketing and Event Management Department					
1	Nansy Karali, Christos Livas, Faidon Theofanidis, Chrysa Agapitou, Apostolos Skotis	Exploring the Impact of Proactiveness, Innovativeness, and International Scope on Economic Performance	19 th International Strategic Management Conference, Australian University, Kuwait	Conference	26/11/2024
2	Rutter, Richard., Telford, Steven, Naduea, J., & Lettice, F	Marketing Higher Education Across Countries: An Examination of Co-Branding Kuwaiti HEIs	Global Brand Conference of the Brand, Identity and Corporate Reputation SIG, Católica Porto Business School, Porto, Portugal.	Conference	In press

Publications of College of Business					
Sr.	Authors	Publication Title	Name of Journal/ Conference	Category / Impact Factor	Date
Human Resources Department					
1	Sapheya Aftimos, Randa Diab-Bahman, Abrar Al-Enzi	To AI or not to AI	Saudi Conference on Information Systems (SaudiCIS) a	Conference	In press
2	Mirna Safi, Farid Abdallah, Alper Erturk, Wael Dabboussi, Omar Alhussainan, Sapheya Aftimos, Dalal Dawwas	Strategic Role of Human Resource Analytics: An Applied Case Study at Australian University	19 th International Strategic Management Conference, Australian University, Kuwait	Conference	26/11/2024
3	Dzenopoljac, V., Dzenopoljac, A. & Abidi, Oualid.	Global accreditation, local impact: evaluating the influence of international business school accreditation on institutional performance.	EBM Conference 2024: Contemporary Issues in Economics, Business and Management. Faculty of Economics - University of Kragujevac, December 16-17, 2024, Kragujevac, Serbia.	Conference	17/12/2024
4	Isam Zabalawi, Helene Kordahji, Sapheya Aftimos	Digital Transformation in Universities: Strategic Framework, Implementation Tools, and Leadership	Higher Education in the Arab World: Digital Transformation	Book chapter	24/09/2024
5	Hend Sameh Hafez Hassan, Ahmed Abdelkader, Oualid Abidi	The Synergy Between Advanced Innovative Water Management and Smart Cities Development: Enhancing Sustainability and Quality of Life	The Emerald Handbook of Smart Cities in the Gulf Region: Innovation, Development, Transformation, and Prosperity for Vision 2040	Book chapter	21/11/2024

Publications of College of Business					
Sr.	Authors	Publication Title	Name of Journal/ Conference	Category / Impact Factor	Date
Banking, Finance and Accounting Department					
1	Hoang, Thi Thuy An Hoang, Aly, Doaa A, Abdelqader, Muath , Melhem, Muntaser J, Darwish, Tamer K and Al Tweijer, Anas	An Evaluation of Intellectual Capital Disclosure: Evidence from Vietnamese Firms	Journal of Financial Reporting and Accounting	Journal (Q2: Impact Factor: 3.5)	11/12/2024
2	Mirna Safi, Farid Abdallah, Alper Erturk, Wael Dabboussi, Omar Alhussainan, Sapheya Aftimos, Dalal Dawwas	Strategic Role of Human Resource Analytics: An Applied Case Study at Australian University	19 th International Strategic Management Conference, Australian University, Kuwait	Conference	26/11/2024
3	Dania El-Achmar	Teaching and Learning Trends: Adoption of Artificial Intelligence (AI) Applications in Higher Education Sector in Dubai	7 th International Conference on "Navigating Future: Managing Inclusiveness & Diversity using Innovative Technologies, Mumbai, India	Conference	1/10/2024
Management Information system Department					
1	Lazic, Milena, Vladimir Simovic, and Ivana Domazet.	Digital competences and disability: a contribution to a more inclusive digital society.	Universal Access in the Information Society (2024): 1-20.	Journal Q2: Impact Factor: 4.40)	28/10/2024
2	Rahat, Maryam, Paige Hopkinson, Sarah McQuay, Beth Patterson, Masoumeh Rahat, and Michael Van Ameringen.	Adolescent Cannabis Use: It's Safe Right?.	Current Treatment Options in Psychiatry 12, no. 1 (2025): 1-10.	Journal Q2: Impact Factor: 3.82)	09/12/2024

Publications of College of Business					
Sr.	Authors	Publication Title	Name of Journal/Conference	Category / Impact Factor	Date
3	Vladimir Simnovic, Ivana Domazet	Digital Marketing Competencies for Remote Work: An Innovative Approach to Key Areas Identification	19 th International Strategic Management Conference, Australian University, Kuwait	Conference	26/11/2024
4	Rahat, Maryam, Sarah McQuay, Paige Hopkinson, Vidhi Patel, Hashi Al-Bya, Barbara Tietbohl-Santos, Beth Patterson Giovana Romero, Masoumeh Rahat, and Michael Van Ameringen	Cognitive inflexibility in patients with anxiety disorders and ADHD	37 th ECNP Congress, Milan Italy, 21-24 September, 2024	Conference	24/09/2024

Table 6 Publication of English Fall 2024/2025

Publications of English					
Sr.	Authors	Publication Title	Name of Journal/Conference	Category / Impact Factor	Date
English					
1	Fauzia Abdalla, Abdessatar Mahfoudhi	Awareness of intellectual disability and intervention beliefs among teachers and university students in Kuwait	Journal of Intellectual & Developmental Disability	Journal (Q2: Impact Factor: 2.44)	23/11/2024

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Table 7 Publication of Engineering Spring 2024/2025

Publications of College of Engineering					
Sr.	Authors	Publication Title	Name of Journal/Conference	Category / Impact Factor	Date
Mechanical Engineering Department					
1	Abeer Abdullah Al Anazi, Nader Ghareeb, and Ahmad Sedaghat	Decarbonization and sustainability of solar PV panel-integrated greenhouses in challenging climates	International Journal for Housing Science and Its Applications	Journal (Q4: Impact Factor: N/A)	30/3/2025
2	Ali Mostafaeipour Mohammad Ramezani, Youcef Himri, Ahmad Sedaghat, Phoolenrda Mishra, Fariba Goodarzian	Prioritizing locations for renewable hydrogen production in Algeria	International Journal of Hydrogen Energy	Journal (Q1: Impact Factor: 10.2)	16/4/2025
3	Wisam K Hussam, Md Nurun Nabi, Mohammad G Rasul, Ashfaque Ahmed Chowdhury, Fazlur Rashid, Nahina Islam	Innovative Insights into Engine Performance and Emissions-A Numerical and Experimental Investigation of Aliphatic Hydrocarbons and Renewable Dimethyl Ether	Case Studies in Thermal Engineering	Journal (Q1: Impact Factor: 7.39)	27/5/2025
4	Wisam K Hussam, Md Nurun Nabi, Mohammad G Rasul, Ashfaque Ahmed Chowdhury, Fazlur Rashid, Nahina Islam	Innovative Insights into Engine Performance and Emissions-A Numerical and Experimental Investigation of Aliphatic Hydrocarbons and Renewable Dimethyl Ether	Case Studies in Thermal Engineering	Journal (Q1: Impact Factor: 7.39)	27/5/2025
5	Md Nurun Nabi, Wisam K Hussam, Md Islam Jahirul, Mohammad G Rasul, Ashfaque Ahmed Chowdhury, Peter Brooks	Improvement of engine performance, combustion and remarkable reductions in NOx, CO and unburned HC emissions fuelling with mixed plastic pyrolysis oil and oxygenated additives	Case Studies in Chemical and Environmental Engineering	Journal (Q1: Impact Factor: 8.1)	24/3/2025
6	Omar Al Rifai, KA Al-attab, Ibrahim I Enagi, KF Mustafa, Abdul Rahman Mohamed	Optimization of MILD chamber design for combustion of producer gas from biomass gasification	Green Technologies and Sustainability	Journal (Q1: Impact Factor: 15.6)	1/5/2025

Publications of College of Engineering					
Sr.	Authors	Publication Title	Name of Journal/Conference	Category / Impact Factor	Date
7	Muhammad Mohid Aziz, Logan Beard, Shafahat Ali, Abdelkrem Eltaggaz, and Ibrahim Deiab	Optimization Scheme for 3D Printing of PLA-PHBV-PCL Biodegradable Blends for Use in Orthopedic Casting	Polymers	Journal (Q1: Impact Factor: 5.4)	22/3/2025
8	Shafahat Ali, Ibrahim Deiab, Salman Pervaiz	Optimizing the properties of PHBV/PBAT blend for additive manufacturing	Procedia CIRP	Journal (N/A: Impact Factor: N/A)	27/2/2025
9	Shafahat Ali, Ibrahim Deiab, Salman Pervaiz, Abdelkrem Eltaggaz	Development of sustainable polymer composite with agro-industrial residue for biomedical applications	Polymer Engineering & Science	Journal (Q2: Impact Factor: 3.88)	25/1/2025
10	Afif Gouissem, Fadi Alkhatib, Malek Adouni	Investigating the influence of mineral content changes on mechanical properties through ligament insertion	Frontiers in Aging	Journal (Q1: Impact Factor: 3.96)	6/7/2025
11	FARHAT Mohamad Hussein, NAHAS Michel, GHAREEB Nader, and MUNISAMI Kevin	Enhancing Technical and Interpersonal Skills in Engineering Education Through Audience Response System (ARS) in Project-Based Learning (PBL)	International Journal of Engineering Pedagogy	Journal (Q2: Impact Factor: 0.48)	1/4/2025
12	Al-Masri, A., Khanafer, K., & Sedaghat, A.	Passive thermal management of PV solar panels using carbon fiber-enhanced phase change materials: A numerical and optimization study	International Communications in Heat and Mass Transfer	Journal (Q1: Impact Factor: 7.12)	27/6/2025
13	Ehab Bani Hani, Mamdouh asad, Yashar, Karrar, humberto, Ali Kesbac, shaban, George, Abdullah buabidi	PREDICTING AIR POLLUTANTS IN URBAN ENVIRONMENTS USING ARTIFICIAL NEURAL NETWORK MODELS	Environmental Engineering and Management Journal, Q3	Journal (Q3: Impact Factor: 1.09)	1/7/2025

Publications of College of Engineering

Sr.	Authors	Publication Title	Name of Journal/ Conference	Category / Impact Factor	Date
14	Ahmad Sedaghat, Bassem Djedi, Mohamad Hussein Farhat, Mohamad Iyad Al-khiami, Mohamed El Badawy	A novel origami inspired single rotor horizontal axis wind turbine	Journal of Energy Systems	Journal (Q4: Impact Factor: 1.51)	15/8/2025
15	Mohamad Iyad Al-Khiami, Sayed Mohamad Soleimani, Ahmad Sedaghat, Mahdi Ashtian Malayer	Impact of Phase Change Materials on Temperature Regulation in Passive Cooling Systems	Sustainable and Emerging Energy Technology: Challenges, Opportunities, and Perspectives	Book chapter	26/7/2025
16	M. Farhat, Y. Mazloun, S. Wakim, W. B. Nader, M. Al-Ebrahim, and N. Ghareeb	Optimizing Solar Parabolic Concentrators with Cylindrical and Conical Receivers for Improved Thermal Performance'	10 th International Conference on Sustainable and Renewable Energy Nice,	Conference	7-9/4/2025
17	Zeyad Ghulam, Greg French, and Hussein Abdullah	Head Tracking for Confirming User Selection for Human- Machine Interaction	19 th IEEE/ RAS-EMBS International Conference on Rehabilitation Robotics (ICORR 2025), Chicago	Conference	12-16/5/2025
18	Furhan Khan, Wisam K. Hussam, Gregory J. Sheard	Axisymmetric pseudo- steady state natural Convection in a spherical enclosure and effect of Percent filling level	13 th Australasian Heat and Mass Transfer Conference, 26- 27 th June 2025, Curtin University, Perth, Australia	Conference	26-27/6/2025
19	Salem, M., Sedaghat, A., Farhat, M. H., Salem, H., & Nazififard, M.	Analysing passenger and climate impacts on bus station cooling energy consumption in Kuwait.	The 9 th International Conference of Recent Trends in Environmental Science and Engineering (RTESE 2024) Imperial College London, London, United Kingdom.	Conference	17-19/7/2025

Publications of College of Engineering					
Sr.	Authors	Publication Title	Name of Journal/Conference	Category / Impact Factor	Date
20	Sedaghat, A., Djedi, B., Farhat, M. H., Al-Khaiami, M. I., & El Badawy, M.	Experimental study of an origami wind turbine concept.	The 13 th European Conference on Renewable Energy Systems (ECRES 2025) will take place in Perugia, Italy	Conference	26-27/5/2025
21	Sedaghat, A., Nazififard, M., Franquet, E., Kalbasi, R., & Mostafaeipour, A.	Adapting machine learning models for indoor temperature prediction from Kuwait to the French Riviera climate.	2025 10 th International Conference on Sustainable and Renewable Energy Engineering (ICSREE 2025), Nice, France	Conference	13-16/5/2025
22	Hassan Salti, Hania El-Kanj, Mohammed Abdul-Niby, Suad Al Radhwan, Fadi Alkhatib	Assessing Sustainability In Kuwait's Higher Education Institutions' Engineering Curricula	Proceedings of the 21 st 2025 International CDIO Conference, Melbourne, Australia	Conference	3/6/2025
Civil Engineering Department					
1	Ahmed Mohammed Abdelalim, Kamal Shawky, Mohamed Salem, Aljawharah A Alnaser and Alaa Sherif	Digital Transformation of BIM Execution Plans for Effective BIM Implementation in Mega Construction Projects	Annals of Civil Engineering and Management	Journal (N/A: Impact Factor: N/A)	18/2/2025
2	Saad, A.S., Ahmed, T.A., Lakys, R. et al..	In-plane structural performance of Compressed Earth Block walls strengthened with carbon fiber reinforced polymer under quasistatic loading	Innov. Infrastruct. Solut.	Journal (Q2: Impact Factor: 3.1)	13/6/2025
3	Ahmed Mohammed Abdelalim, Mohamed Salem, Ruqaya Al-Sabah, Salah Omar Said, Hisham Mahmoud ElShafei, Mohamed Galal Badawy	Optimizing claim management process groups to enhance construction project success	International Journal of Construction Management	Journal (Q1: Impact Factor: 6.59)	24/1/2025

Publications of College of Engineering

Sr.	Authors	Publication Title	Name of Journal/ Conference	Category / Impact Factor	Date
4	Ahmed Mohammed Abdelalim, Ahmed Essawy, Alaa Sherif, Mohamed Salem, Manal Al-Adwani, Mohammad Sadeq Abdullah	Optimizing Facilities Management Through Artificial Intelligence and Digital Twin Technology in Mega-Facilities	Sustainability (MDPI)	Journal (Q2: Impact Factor: 4.32)	10/2/2025
5	Mohamed Salem, Mohammad Sadeq Abdullah, Muhammad Saiful Islam, Salah Omar Said	Subcontractors' BIM Deployment in Large-Scale Construction Projects in the MENA Region	Journal of Construction Engineering and Management	Journal (Q1: Impact Factor: 5.75)	1/6/2025
6	Zarreen Badar, Ali El-Keblawy, Kareem A Mosa, Abdullah Al Mutery, Attiat Elnaggar, Muath Mousa, Mohamed S Sheteiwy, Zainul Abideen, Lucy Semerjian, Mohammad H Semreen, Sourjya Bhattacharjee, Abdallah Shanableh	Ecotoxicological effects of paracetamol on the biochemical and molecular responses of spinach (<i>Spinacia oleracea</i> L.)	Journal of Hazardous Materials	Journal Q1: Impact Factor: 14.94)	5/12/2025
7	Aamir Nawaz, Muhammad Babar Taj, Muhammad Imran Khan, Abeer M Beagan, Antoniadou Maria, Abdallah Shanableh	A tragacanth gum-infused graphitic carbon nitride/cellulose nanohydrogel for controlled lornoxicam release kinetics	New Journal of Chemistry	Journal Q2: Impact Factor: 2.89)	5/2/2025
8	Wardah Iman, Nosheen Farooq, Irsa Kanwal, Fawad Ahmad, Muhammad Imran Khan, Abdallah Shanableh	Enhanced supercapacitor performance of NaCrSnNiCeO ₂ and NaCuFeNiCeO ₂ nanocomposites: a comparative study of electrode materials	New Journal of Chemistry	Journal Q2: Impact Factor: 2.89)	10/2/2025

Publications of College of Engineering					
Sr.	Authors	Publication Title	Name of Journal/ Conference	Category / Impact Factor	Date
9	Ravia Irshad, Wardah Iman, Irsa Kanwal, Ayesha Hareem, Sumaira Sabir, Muhammad Imran Khan, Fawad Ahmad, Abdallah Shanableh, Nosheen Farooq	Synergistic catalytic performance of Co ₃ O ₄ /ZnO-based MOFs functionalized with CeO ₂ and ZrO ₂ substituents	New Journal of Chemistry	Journal Q2: Impact Factor: 2.89)	11/3/2025
10	Aamir Nawaz, Muhammad Babar Taj, Antoniadou Maria, Noushi Zaidi, Omar Makram Ali, Muhammad Imran Khan, Abdallah Shanableh	A synergistic nanocomposite of tragacanth gum, starch, and graphitic carbon nitride: a cutting-edge platform for lornoxicam delivery	New Journal of Chemistry	Journal Q2: Impact Factor: 2.89)	3/4/2025
11	Mahreen Iqbal, Muhammad Imran Khan, Mahwish Iqbal, Fawad Ahmad, Nosheen Farooq, Abdallah Shanableh, Muhammad Ibrahim, Syeda Mehak Batool	Synthesis Strategies, Characterization, and Potential Applications of Anion Exchange Membranes: A Review	ChemSci Advances	Journal (Open Access: Impact Factor: N/A)	25/3/2025
12	Muqaddas Fatima, Fawad Ahmad, Salma Noor, Sana Shafique, Ahmed BM Ibrahim, Mohamed A Habib, Muhammad Imran Khan, Abdallah Shanableh	Application of carbon-based electrocatalysts derived from waste materials in fuel cells and electrolyzers	Sustainable Energy & Fuels	Journal Q1: Impact Factor: 4.40)	23/5/2025

Publications of College of Engineering

Sr.	Authors	Publication Title	Name of Journal/ Conference	Category / Impact Factor	Date
13	Haleema Riaz, Saima Anjum, Syeda Rabia Ejaz, Muhammad Imran Khan, Abdallah Shanableh	Design and multifunctional potential of Al ₃₊ , Er ₃₊ -substituted Ni _{0.2} Cu _{0.8} Al _x Er _x Fe _{2-2x} O ₄ spinel ferrites for sustainable energy and environmental applications	New Journal of Chemistry	Journal Q2: Impact Factor: 2.89)	4/6/2025
14	Fawad Ahmad, Muhammad Irfan, Muhammad Imran Khan, Komal Ali Rao, Naseem Akhter, Abdallah Shanableh, Muhammad Babar Taj, Leonid G Voskressensky, Rafael Luque	A highly active, low-cost CoZn ferrite electrocatalyst in oxygen reduction reactions	Results in Chemistry	Journal Q2: Impact Factor: 4.46)	3/2/2025
15	Aamir Nawaz, Muhammad Babar Taj, Antoniadou Maria, Noushi Zaidi, Omar Makram Ali, Muhammad Imran Khan, Abdallah Shanableh	A synergistic nanocomposite of tragacanth gum, starch, and graphitic carbon nitride: a cutting-edge platform for lornoxicam delivery	New Journal of Chemistry	Journal Q2: Impact Factor: 2.89)	3/4/2025
16	Mahreen Iqbal, Muhammad Imran Khan, Mahwish Iqbal, Fawad Ahmad, Nosheen Farooq, Abdallah Shanableh, Muhammad Ibrahim, Syeda Mehak Batool	Synthesis Strategies, Characterization, and Potential Applications of Anion Exchange Membranes: A Review	ChemSci Advances	Journal (Open Access: Impact Factor: N/A)	25/3/2025
17	Muqaddas Fatima, Fawad Ahmad, Salma Noor, Sana Shafique, Ahmed BM Ibrahim, Mohamed A Habib, Muhammad Imran Khan, Abdallah Shanableh	Application of carbon-based electrocatalysts derived from waste materials in fuel cells and electrolyzers	Sustainable Energy & Fuels	Journal Q1: Impact Factor: 4.40)	23/5/2025

Publications of College of Engineering					
Sr.	Authors	Publication Title	Name of Journal/ Conference	Category / Impact Factor	Date
18	Haleema Riaz, Saima Anjum, Syeda Rabia Ejaz, Muhammad Imran Khan, Abdallah Shanableh	Design and multifunctional potential of Al ³⁺ , Er ³⁺ -substituted Ni _{0.2} Cu _{0.8} Al _x Er _x Fe _{2-2x} O ₄ spinel ferrites for sustainable energy and environmental applications	New Journal of Chemistry	Journal Q2: Impact Factor: 2.89)	4/6/2025
19	Fawad Ahmad, Muhammad Irfan, Muhammad Imran Khan, Komal Ali Rao, Naseem Akhter, Abdallah Shanableh, Muhammad Babar Taj, Leonid G Voskressensky, Rafael Luque	A highly active, low-cost CoZn ferrite electrocatalyst in oxygen reduction reactions	Results in Chemistry	Journal Q2: Impact Factor: 4.46)	3/2/2025
20	Rabia Rasheed, Hina Afzal, Muhammad Babar Taj, Noushi Zaidi, Ahmad Raheel, Walla Alelwani, Ismat Bibi, Saad Alghamdi, Fawad Ahmad, Omar Makram Ali, Aamir Nawaz, Muhammad Imran Khan, Abdallah Shanableh	Design of γ -alumina/chitosan/CeO ₂ /SrO nanohydrogel for levofloxacin delivery	Inorganic Chemistry Communications	Journal Q1: Impact Factor: 5.55)	17/4/2025
21	Muhammad Khalil, Fawad Ahmad, Muhammad Imran Khan, Abdallah Shanableh, Muhammad Babar Taj, Komal Ali Rao, Leonid G Voskressensky, Rafael Luque	A critical review of biofuel cell cathodes	Biofuels, Bioproducts and Biorefining	Journal Q2: Impact Factor: 3.61)	21/4/2025

Publications of College of Engineering

Sr.	Authors	Publication Title	Name of Journal/ Conference	Category / Impact Factor	Date
22	Noureddine Elboughdiri, Nosheen Farooq, Wardah Iman, Irsa Kanwal, Muhammad Imran Khan, Fawad Ahmad, Abdallah Shanableh, Djamel Ghernaout, Abdelfattah Amari	Exploring the supercapacitor performance of ternary metal-modified MWCNT nanocomposites	Fullerenes, Nanotubes and Carbon Nanostructures	Journal Q3: Impact Factor: 2.84)	23/4/2025
23	Irsa Kanwal, Nosheen Farooq, Wardah Iman, Ayesha Hareem, Ravia Irshad, Fawad Ahmad, Muhammad Imran Khan, Abdallah Shanableh	Electrochemical applicability of NiO/ CdO/MnO ₂ /Fe ₂ O ₃ nanocomposites for next-generation supercapacitors: A comparative study	Materials Chemistry and Physics	Journal Q1: Impact Factor: 4.98)	29/4/2025
24	Fawad Ahmad, Shafaq Zahid, Muhammad Imran Khan, Abdallah Shanableh, Nosheen Farooq, Komal Ali Rao, Muhammad Babar Taj, Suryyia Manzoor, Leonid G Voskressensky, Rafael Luque	Direct electron transfer chemistry of redox-active enzymes: applications in biosensor development	Biofuels, Bioproducts and Biorefining	Journal Q2: Impact Factor: 3.61)	1/5/2025
25	Lubna Jaber, Alaa Abushawish, Omar Awayssa, Abdallah Shanableh, Muataz Ali Atieh, Ismail W Almanassra	APTES-functionalized MoS ₂ @ ZnO nanocomposite for ultrafiltration: Advanced characterization and oil/water separation performance	Chemical Engineering Journal	Journal Q1: Impact Factor: 14.28)	9/6/2025

Publications of College of Engineering					
Sr.	Authors	Publication Title	Name of Journal/ Conference	Category / Impact Factor	Date
26	Shabnam Shahida, Nasar Ahmed, Iqra Ghulam Rasool, Muhammad Imran Khan, Fawad Ahmad, Ansa Madeeha Zafar, Umar Farooq, Mushtaq Hussain Lashari, Khizar Hussain Shah, Abdallah Shanableh, Muhammad Aslam Baig, Rafael Luque	Laser-induced breakdown spectroscopy-based quantitative elemental analysis of nutritional and hazardous elements in Solanum nigrum	Results in Engineering	Journal Q1: Impact Factor: 9.14)	16/6/2025
27	Fawad Ahmad, Sabeen Tahir, Ayesha Wali, Muhammad Imran Khan, Abdallah Shanableh	A review article on the photocatalytic degradation of atrazine by potential catalysts	Next Materials	Journal Q1: Impact Factor: 3.35)	1/7/2025
28	Ismail W Almanassra, Alaa Abushawish, Lubna Jaber, Omar Awayssa, Abdallah Shanableh, Muataz Ali Atieh, Roqaya A Ismail	Synthetic shale gas produced water pre-treatment via ultrafiltration membranes enhanced with polydopamine- coated hydroxylated 2D boron nitride nanosheets	Desalination	Journal Q1: Impact Factor: 10.20)	15/7/2025
29	Fawad Ahmad, Aroosa Arif, Muhammad Imran Khan, Saima Anjum, Abdallah Shanableh, Muhammad Babar Taj, Rafael Luque	Recent progress and perspectives on lithium and non-lithium rechargeable battery systems	Journal of Power Sources	Journal Q1: Impact Factor: 9.17)	30/8/2025
30	N. R. Khalid, S. Mughal, F. Ali, M. Maraj, M. Rafique, H. Anwar, A. R. Buzdar, A. Shanableh, M. I. Khan & R. Luque	Synthesis and study of photocatalytic ZnO/ Bi ₂ S ₃ composite for the degradation of organic pollutants.	Int. J. Environ. Sci. Technol.	Journal Q2: Impact Factor: 4.3)	15/7/2025

Publications of College of Engineering

Sr.	Authors	Publication Title	Name of Journal/ Conference	Category / Impact Factor	Date
31	Samy Elhadi Oussadou, Sumina Namboorimadathil Backer, Ismail W. Almanassra, Ahmad Shabib, Muataz Ali Atieh, Abdallah Shanableh,	Nanofiltration Membranes for Efficient Removal of Pharmaceuticals from Wastewater	Cleaner Water	Journal N/A: Impact Factor: N/A)	23/7/2025
32	Mohamad Hussein Farhat, Arash Mehdizadeh, Ahmad Sedaghat, Mohamed El Badawy, Bassem Djedi, Mohamad Iyad Al-Khiami, Ali Mostafaeipour, Mohammad Nazififard	Origami-inspired urban wind turbines: Scalable bladeless designs for decentralized renewable energy	Green Technologies and Sustainability	Journal (Q1: Impact Factor:15.6)	5/8/2025
33	Ahmad Sedaghat, Bassem Djedi, Mohamad Hussein Farhat, Mohamad Iyad Al-khiami, Mohamed El Badawy	A novel origami inspired single rotor horizontal axis wind turbine	Journal of Energy Systems	Journal (Q4: Impact Factor: 1.51)	15/8/2025
34	Reza Soleimanpour	Enhancing Non- Destructive Detection and Localization of Interfacial Debonding in FRP Concrete Composite Beams	Mechanics of Advanced Materials and Structures	Journal (Q1: Impact Factor:6.67)	25/8/2025
35	Reza Soleimanpour and Ahmad Saad	Nondestructive Testing of FRP-Bonded Structures Using a Nonlinear Baseline- Free Approach	Measurement Science and Technolog	Journal (Q2: Impact Factor:3.65)	28/7/2025
36	Mohamad Iyad Al-Khiami, Sayed Mohamad Soleimani, Ahmad Sedaghat, Mahdi Ashtian Malayer	Impact of Phase Change Materials on Temperature Regulation in Passive Cooling Systems	Sustainable and Emerging Energy Technology: Challenges, Opportunities, and Perspectives	Book chapter	26/7/2025

Publications of College of Engineering					
Sr.	Authors	Publication Title	Name of Journal/Conference	Category / Impact Factor	Date
37	Salem, M., Sedaghat, A., Farhat, M. H., Salem, H., & Nazififard, M.	Analysing passenger and climate impacts on bus station cooling energy consumption in Kuwait.	The 9 th International Conference of Recent Trends in Environmental Science and Engineering (RTESE 2024) Imperial College London, London, United Kingdom.	Conference	17-19/7/2025
38	Mohamad Iyad Al-Khiami, Sayed Mohamad Soleimani, Martin Jaeger	A Comparative Study of VR and 2D Plans in Concrete Structure Evaluation for Engineering Education: Does Perceived Usability Affect Performance?	2025 IEEE Global Engineering Education Conference (EDUCON) London, UK	Conference	22-25/4/2025
39	Ahmad Saad, Taha Ahmed, Rana Lakys, Ali Radwan	Improving the structural performance of environmentally friendly block walls	Proceedings of the 10th World Congress on Civil, Structural, and Environmental Engineering (CSEE 2025), Barcelona, Spain	Conference	10-12/4/2025
40	Ahmed Assad, Mohamad Bo Arki, Miray Sweid, and Amin Hammad.	Crack Detection and Segmentation for Bridges Using State-of-the-Art Deep Learning Methods: Single-Stage vs. Two-Stage Detectors	In Proceedings of the 42nd International Symposium on Automation and Robotics in Construction (ISAR C), Montreal, Canada	Conference	28-31/7/2025
41	Ahmed Assad, Yousef Albkoor, Awrad Abdullah, Ahmed Bouferguene,	Automated Heavy Machinery Recognition Using state-of-the-art deep learning methods	Joint CSCE - CRC 2025, Montreal, Canada	Conference	28-31/7/2025

Publications of College of Engineering					
Sr.	Authors	Publication Title	Name of Journal/ Conference	Category / Impact Factor	Date
42	Masoud Irannezhad, Zahrah Abulghafour	Climate Teleconnections Influencing Desertification in the Lancang-Mekong River Basin	Proceedings of the 10 th International Conference on Water Resource and Environment (WRE2024 2024) December 15-18, 2024 Hong Kong	Conference	26/4/2025
43	Zahrah Abulghafour, Masoud Irannezhad	Future Water Scarcity Appearance in the Arabian Peninsula	Water and Food Security in the Face of Climate Change: Challenges and Opportunities for Resilience – Doha, Qatar	Conference	4-7/2/2025
Petroleum Engineering Department					
1	Mohammed F Al Dushaishi, Ahmed K Abbas, Mortadha T Al Saba, Jarrett Wise	Drilling Optimization Using Artificial Neural Networks and Empirical Models	ChemEngineering	Journal (Q2: Impact Factor: 3.75)	28/3/2025
2	Jean H El Achkar, Rana Malhas, Faisal Albalool, Abdullah Alrabaie	Sustainable conversion of petroleum sludge to methane: A study on anaerobic biodegradability in batch and continuous systems	Geoenergy Science and Engineering	Journal (Q1: Impact Factor: 5.49)	4/3/2025
3	Rana Malhas, Sara Salah, Mariam Alawadhi	Utilizing eco-friendly shredded waste tires for oil spill cleanup: Adsorption isotherm and kinetic studies	Journal of Environmental Chemical Engineering	Journal (Q1: Impact Factor: 7.8)	9/3/2025
4	RM Elgaddafi, K Amadi, BM Biltayib, MT Al Saba, M Omar, A Dashti, M Alali, M Alabdullah	Towards Autonomous Rotary Drilling System: A Robust Rate of Penetration Model for Drilling Operation Using Artificial Intelligence	SPE Conference at Oman Petroleum & Energy Show, Muscat, Oman, May 2025	Conference	1/5/2025

Publications of College of Engineering					
Sr.	Authors	Publication Title	Name of Journal/Conference	Category / Impact Factor	Date
5	Seyed Mehdi Alizadeh, Yasin Khalili, Khaled Omar Hantoush, Mohammad Ahmadi	Leveraging Machine Learning to Model Hydrocarbon-CO2 Solubility Behavior	GOTECH, Dubai City, UAE, April 2025	Conference	21/4/2025
6	Sedaghat, A., Djedi, B., Farhat, M. H., Al-Khaiami, M. I., & El Badawy, M.	Experimental study of an origami wind turbine concept.	The 13 th European Conference on Renewable Energy Systems (ECRES 2025) will take place in Perugia, Italy	Conference	26-27/5/2025
Electrical and Electronics Engineering Department					
1	Mohamad Hussein Farhat, Arash Mehdizadeh, Ahmad Sedaghat, Mohamed El Badawy, Bassem Djedi, Mohamad Iyad Al-Khiami, Ali Mostafaeipour, Mohammad Nazififard	Origami-inspired urban wind turbines: Scalable bladeless designs for decentralized renewable energy	Green Technologies and Sustainability	Journal (Q1: Impact Factor:15.6)	5/8/2025
2	Nafesah I. Alshdaifat, Majdi M. Alomari, Hania El-Kanj, Ayse Topal	Designing an effective energy literacy course: a multi-phase approach tailored to Kuwaiti students' needs	World Transactions on Engineering and Technology Education (WTE&TE)	Journal (Q3: Impact Factor: 0.9)	1/2/2025
3	Mohamad Farhat, Michel Nahas, Nader Ghareeb, Kevin Munasami	Enhancing Technical and Interpersonal Skills in Engineering Education Through Audience Response System in Project-Based Learning	International Journal of Engineering Pedagogy	Journal (Q2: Impact Factor: 2.79)	1/4/2025
4	Amin Al Ka'bi	Innovative PLC Control Algorithms in Buildings Using Automated Code Generation	International IoT, Electronics and Mechatronics Conference (IEMTRONICS 2025), Imperial College London, United Kingdom	Conference	3-5/4/2025

Publications of College of Engineering					
Sr.	Authors	Publication Title	Name of Journal/ Conference	Category / Impact Factor	Date
5	Amin Al Ka'bi	PLC-Based Load Control and IoT-Energy Monitoring for Grid-Connected Hybrid Systems	International IoT, Electronics and Mechatronics Conference (IEMTRONICS 2025), Imperial College London, United Kingdom	Conference	3-5/4/2025
6	Majdi M. Alomari, Hania El-Kanj, Ayse Topal, Nafesah I. Alshdaifat	A Holistic Approach to Energy Consumption in Kuwait Academic Buildings: Energy Literacy, Behavior Change, and Technological Participation	9 th International Conference on Energy Economics and Energy Policy (ICEEEP 2025), Nice, France	Conference	7-9/4/2025
7	M. Farhat, Y. Mazloum, S. Wakim, W. B. Nader, M. Al-Ebrahim, and N. Ghareeb	Optimizing Solar Parabolic Concentrators with Cylindrical and Conical Receivers for Improved Thermal Performance'	10 th International Conference on Sustainable and Renewable Energy Nice,	Conference	7-9/4/2025
8	Hassan Salti, Hania El-Kanj, Mohammed Abdul-Niby, Suad Al Radhwan, Fadi Alkhatib	Assessing Sustainability In Kuwait's Higher Education Institutions' Engineering Curricula	Proceedings of the 21 st 2025 International CDIO Conference, Melbourne, Australia	Conference	3/6/2025
9	Sedaghat, A., Djedi, B., Farhat, M. H., Al-Khaiami, M. I., & El Badawy, M.	Experimental study of an origami wind turbine concept.	The 13 th European Conference on Renewable Energy Systems (ECRES 2025) will take place in Perugia, Italy	Conference	26-27/5/2025
Mathematics and Physics Department					
1	Yousef AbuHour, Sadeq Damrah, Mahmoud H DarAssi, Zuhur Alqahtani, Areej Almuneef	Mathematical analysis of the dynamics of cyberattack propagation in IoT networks	Plos One	Journal (Q1: Impact Factor: 2.8)	16/5/2025

Table 8 Publication of Business Spring 2024/2025

Publications of College of Business					
Sr.	Authors	Publication Title	Name of Journal/ Conference	Category / Impact Factor	Date
Management Department					
1	Ali Mohamad Mouazen, Ana Beatriz Hernández-Lara, Jawad Chahine, Ali Halawi	Triple bottom line sustainability and Innovation 5.0 management through the lens of Industry 5.0, Society 5.0 and Digitized Value Chain 5.0	European Journal of Innovation Management	Journal (Q1: Impact Factor: 9.251)	10/1/2025
2	Farid Abdallah, Walid Elhoss, Jawad Chahine	The importance of crisis management in the aviation industry: A case study on Kuwait	Edelweiss Applied Science and Technology	Journal (Q3: Impact Factor: 1.882)	26/4/2025
3	Faisal AlReshaid, Alper Erturk, Razan Alkhayyat, Farid Abdallah, Oualid Abidi, Marcelle De La Roche	Are we on the same wavelength? Supervisor-subordinate cognitive style congruence and its association with supervisors' self-awareness through leader member exchange	Frontiers in Psychology	Journal (Q2: Impact Factor: 4.14)	18/6/2025
4	Önder Ulu, Nigar Demircan Çakar, Alper Ertürk	Firma Seviyesi İnovasyon Yeteneğinin Öncülleri ve Çıktılarının Belirlenmesine Yönelik Bir Meta Analiz İncelemesi	Journal of Economics and Administrative Sciences.	Journal (Open Access Impact Factor: N/A)	20/1/2025
5	Ali Mohamad Mouazen, Ana Beatriz Hernández Lara, Jawad Chahine	Industry 5.0 and Sustainable Innovation: The Role of the Organizational Framework in Fostering Innovation	Research and Innovation Forum 2024, Springer	Book chapter	27/7/2025
6	Ali Mohamad Mouazen, Ana Beatriz Hernández Lara, Jawad Chahine	AI Adoption in Education: Trends and Applications. A global perspective	Research & Innovation Forum 2025 (Rii Forum 2025), Barcelona, Spain, 22-25 April 2025	Conference	27/7/2025

Publications of College of Business					
Sr.	Authors	Publication Title	Name of Journal/ Conference	Category / Impact Factor	Date
Marketing and Event Management Department					
1	Faidon Theofanidis, Eleni Tsianaka, Christos Livas	Towards Systemic Leadership Resilience: Proposing the Hybrid Artificial Intelligent Leader in Response to Economic Crises	Canadian Journal of Administrative Sciences/Revue Canadienne des Sciences de l' Administration	Journal (Q2: Impact Factor: 2.221)	5/3/2025
2	Laila El-Dabt, Faisal AlReshaid, Kathleen Park, Nour AlBuloushi, Abrar Al-Enzi	Sustainable strategic nation branding through sports: Leveraging soft power via mega-event hosting	Frontiers in Sociology	Journal (Q1: Impact Factor: 2.624)	10/3/2025
3	Faisal AlReshaid, Alper Erturk, Razan Alkhayyat, Farid Abdallah, Oualid Abidi, Marcelle De La Roche	Are we on the same wavelength? Supervisor-subordinate cognitive style congruence and its association with supervisors' self-awareness through leader member exchange	Frontiers in Psychology	Journal (Q2: Impact Factor: 4.14)	18/6/2025
4	Christos Livas, Faidon Theofanidis, Ivana Domazet, Vladimir Simovic, Eleni Tsianaka	Sophistication, Goal Attainment and Satisfaction with Personal Care Products among Millennial and Gen Z Consumers in Greece and Serbia	European Marketing Academy (EMAC) Spring Conference May 26-31, 2025, (Conference Proceedings).	Conference	In press
Human Resources Department					
1	Abidi, Oualid., Safi, Mirna., Sarhan, Hamsa. & Bhagat, Rupali	Creative Self-Efficacy and Innovative Behaviors Amidst the Digital Deluge: Unravelling their Nexus with Autonomy and Workplace Civility	International Journal of Productivity and Performance Management	Journal (Q1: Impact Factor:7.035)	10/4/2025

Publications of College of Business					
Sr.	Authors	Publication Title	Name of Journal/ Conference	Category / Impact Factor	Date
2	Rasha Kadri Ibrahim, Mirna Safi, Amani Darwish, Yasir S Alsalamah, Lisa Babkair, Nasiru Mohammed Abdullahi, Basma Maher, Manar Nasser Alotaibi, Monerh Abdullah Alfalaaj, Shorok Hamed Alahmedi, Sally Mohammed Farghaly Abdelaliem, Abdelaziz Hendy	From student to nurse: exploring transition shock through stress, locus of control, and coping strategies in newly graduated nurses	BMC psychology	Journal (Q1: Impact Factor: 4.07)	22/8/2025
3	Faisal AlReshaid, Alper Erturk, Razan Alkhayyat, Farid Abdallah, Oualid Abidi, Marcelle De La Roche	Are we on the same wavelength? Supervisor-subordinate cognitive style congruence and its association with supervisors' self-awareness through leader member exchange	Frontiers in Psychology	Journal (Q2: Impact Factor: 4.14)	18/6/2025
4	Vladimir Dzenopoljac, Jasmina Ognjanovic, Aleksandra Dzenopoljac, Oualid Abidi	Leadership, Trust, and Knowledge: Enhancing SME Performance in Transition Economies	Academy of Management Proceedings	Conference	17/6/2025
5	Sarhan, Hamsa., Amarakoon, Upamali., Sabrina, F. & Bhagat, Rupali	Integrating Artificial Intelligence to Enhance Human Resource Management: Review and Way Forward.	51 st EBES Conference, April 11-13, 2025.ROME, Italy	Conference	In press
6	Abidi, Oualid., Abdallah, Farid..	From Vision to Metrics: Positioning Australian University-Kuwait for UI GreenMetric Excellence through Digital Transformation.	11 th International Workshop on UI GreenMetric World University Rankings (IWGM 2025), Nice, France, 17 th -19 th June 2025	Conference	In press

Publications of College of Business					
Sr.	Authors	Publication Title	Name of Journal/ Conference	Category / Impact Factor	Date
7	Diab-Bahman, R., Al Enzi, A. & Aftimos Sapheya.	Exploring The Implications of Religiosity on CSR – Adoption Vs Understanding.	The 2 nd International Conference on Sustainable Development, Social Responsibility and Business Ethics. April 9, 2025	Conference	In press
8	Aftimos, Sapheya., Diab-Bahman, R., & Al Enzi, A.	AI in the Classroom: Weighing the Benefits and Challenges.	QS Higher Ed Summit: Middle East 2025. April 21, 2025	Conference	In press
9	Aftimos, Sapheya, Randa Diab-bahman	AI-Driven Talent Management: Transforming Workforce Strategies in the Digital Age	AHFE (2025) International Conference	Conference	23/7/2025
10	Aftimos, Sapheya. and Hassoun, D.,	Transforming HR functions through AI.	The International Conference on Business and Technology (ICBTCardiff' 2025), 23–24 July 2025, Cardiff Business School, Cardiff, United Kingdom.	Conference	In press
11	Sarhan, H., Amarakoon, U., Sabrina, F., & Bhagat, R.	Leveraging Artificial Intelligence for Strategic Advancement in Human Resource Management	53 rd EBES Conference – Madrid, October 16 th -18 th , 2025.	Conference	In press

Publications of College of Business					
Sr.	Authors	Publication Title	Name of Journal/ Conference	Category / Impact Factor	Date
Banking, Finance and Accounting Department					
1	Uyar, A., Nimer, K., Nizar, H., Abdelqader, Muath., Karaman, A.	Board dynamics and employee well-being: The role of institutional quality in a cross-country analysis of emerging markets.	International Journal of Manpower	Journal (Q1: Impact Factor: 8.284)	In press
2	Melhem, M. J., Darwish, T. K., Abdelqader, M., Mowafi, O. T., & Abdeldayem, B.	Beyond bias in performance measurement and rewards practices: the role of informal networks in social inequality within global professional service firms.	Journal of Accounting in Emerging Economies, 1-25	Journal (Q2: Impact Factor: 5.69)	In press
3	Arjita J Rupali Bhagat, Dania El Achmar	Teaching and Learning Trends: Adoption of Artificial Intelligence (AI) Applications in Higher Education Sector in Dubai	Indian Journal of Technical Education	Journal (Open Access Impact Factor: N/A)	1/4/2025
4	Bhagat, R., El Achmar, D., Aftimos, S., & Khafash, M.	A review of Sustainable Developmental Goal (SDG) #3: Good health and well-being and its relation with other SDGs	International Conference on Finance, Business and Stock Market (ICFBSM 2025), Toronto, Canada. August 19-20, 2025.	Conference	In press

Publications of College of Business					
Sr.	Authors	Publication Title	Name of Journal/ Conference	Category / Impact Factor	Date
Management Information system Department					
1	Djina Ivanović, Sonja D Radenković, Hasan Hanić, Vladimir Simovic, Milena Kojić	A novel approach to measuring digital entrepreneurial competencies among university students	International Journal of Management Education	Journal (Q1: Impact Factor: 10.04)	1/7/2025
2	Milena Lazic, Vladimir Simovic, Ivana Domazet, Farid Abdallah	Predictive Insights into Digital Competencies: A Data-Driven Approach to Inclusion	Journal of Technology in Human Services	Journal (Q2: Impact Factor: 2.862)	10/4/2025
3	Darko Marjanović, Ivana Domazet, Valentina Vukmirović, Vladimir Simović	Economic Factors as a Driving Force for Foreign Direct Investment in Serbia	Eastern European Economics	Journal (Q3: Impact Factor: 2.18)	13/8/2025
4	Milena Lazić, Ivana Domazet, Valentina Vukmirović, Vladimir Simović	Digital marketing and online freelancing: Assessing the competence and inclusion potential for persons with physical disabilities in Serbia, Croatia, and Montenegro	Marketing	Journal (Open Access Impact Factor: N/A)	25/8/2025
5	Simovic Vladimir., Zabalawi, Isam	Designing an AI- Enhanced Serious Game for Startups to Foster Competence Acquisition among University Students:A Research Roadmap,	Springer	Book chapter	In press

Publications of College of Business					
Sr.	Authors	Publication Title	Name of Journal/ Conference	Category / Impact Factor	Date
6	Christos Livas, Faidon Theofanidis, Ivana Domazet, Vladimir Simovic, Eleni Tsianaka	Sophistication, Goal Attainment and Satisfaction with Personal Care Products among Millennial and Gen Z Consumers in Greece and Serbia	European Marketing Academy (EMAC) Spring Conference May 26-31, 2025, (Conference Proceedings).	Conference	In press

Table 9 Publication of English Spring 2024/2025

Publications of College of Business					
Sr.	Authors	Publication Title	Name of Journal/ Conference	Category / Impact Factor	Date
English					
1	Fauzia Abdalla, Abdessatar Mahfoudhi	Awareness of intellectual disability and intervention beliefs among teachers and university students in Kuwait	Journal of Intellectual & Developmental Disability	Journal (Q2: Impact Factor: 2.44)	23/11/2024

Table 10 Publication of Aviation Spring 2024/2025

Publications of College of Business					
Sr.	Authors	Publication Title	Name of Journal/ Conference	Category / Impact Factor	Date
English					
1	Mohamad Hussein Farhat, Arash Mehdizadeh, Ahmad Sedaghat, Mohamed El Badawy, Bassem Djedi, Mohamad Iyad Al-Khiami, Ali Mostafaeipour, Mohammad Nazififard	Origami-inspired urban wind turbines: Scalable bladeless designs for decentralized renewable energy	Green Technologies and Sustainability	Journal (Q1: Impact Factor:15.6)	5/8/2025
2	Ahmad Sedaghat, Bassem Djedi, Mohamad Hussein Farhat, Mohamad Iyad Al-khiami, Mohamed El Badawy	A novel origami inspired single rotor horizontal axis wind turbine	Journal of Energy Systems	Journal (Q4: Impact Factor: 1.51)	15/8/2025



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