



DAR AL-HEKMA RESEARCH ACHIEVEMENTS 2023

Prepared by The Scientific Research Center

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DAH RESEARCH CENTRE

The Scientific Research Center was established in 2012 to promote, encourage, and support the University's advancement of research and development. The center aims to support faculty, students, and researchers by establishing policies and guidelines to govern research practices to protect the safety and confidentiality of human subjects, conform to research ethics, and offer programs to support DAH researchers in DAH research priorities aligned with the national priorities and the global needs. The center also empowers DAH researchers by facilitating workshops and lectures on research and publishing presented by distinguished researchers in addition to providing support and services to DAH and non-DAH researchers.

Research Mission

To create a culture of research that contributes to the knowledge economy by empowering researchers and encouraging research excellence.



Research Priorities



Economic Prosperity



Deep-Rooted Identity



Quality Life



Sustainability



Investing in
the Future

STRATEGIC RESEARCH OBJECTIVES

1



Establish and promote strategic and sustainable research collaborations

2



Improve research capacity and efficiency

3



Improve research governance and infrastructure

4



Promote research excellence and innovation

5



Encourage joint research (intradisciplinary, multidisciplinary)

6



Encourage research publication in alignment with national and international research standards and priorities

7



Facilitate student research opportunities and raise its visibility to the community

8



Support and commercialize research and innovations

FACULTY AND STUDENTS RESEARCH ACHIEVEMENTS

FACULTY RESEARCH OUTPUT

216

Total Number of Publications for the Five Years 2020 - 2023

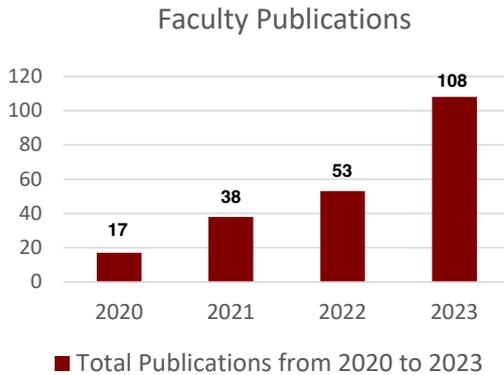
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Number of Papers Publication in 2023

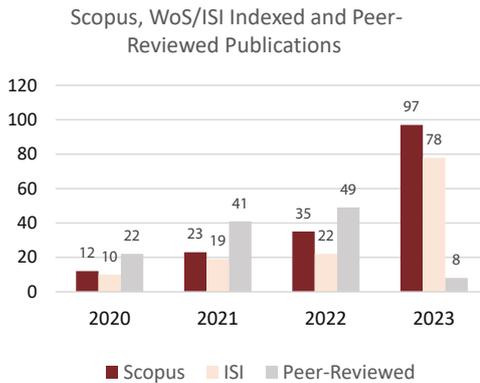
35

Number of Researchers in 2023

Faculty publications



Scopus, WoS/ISI Indexed and Peer-Reviewed Publications



NUMBER OF FACULTY PUBLICATIONS PER SCHOOL

**School of Engineering, Computing
and Design** **78**

School of Business and Law **14**

**School of Education, Health and
Behavioral Sciences** **8**

General Education Program **6**

FACULTY PUBLICATIONS BY SCHOOLS

School of Engineering, Computing and Design			
No	Name of Faculty	Title of Article	Journal Q Rank
01	Dr. Ghadah Alghamdi	International Patient Summary Terminology	Q1
02	Dr. Hashem Alaidros	Forwarding Strategies For Named Data Networking Based Iot: Requirements, Taxonomy, And Open Research Challenges	Q1
03	Dr. Hashem Alaidros	A New Cybersecurity Assessment Framework For Private Networks	Q1
04	Dr. Imed Ben Dhaou	Iot-fog Computing Sustainable System For Smart Cities: A Queuing-based Approach	Q1
05	Dr. Djihed Berkouk	Assessment Of Sighted And Visually Impaired Users To The Physical And Perceptual Dimensions Of An Oasis Settlement Urban Park	Q1
06	Dr. Imed Ben Dhaou	A Systematic Overview On Simulation Of Connected Vehicles Infrastructure In Smart Cities	Q1
07	Dr. Imed Ben Dhaou	A Comparison Of Regression Techniques For Prediction Of Air Quality In Smart Cities	Q1
08	Dr. Imed Ben Dhaou	Human Activity Recognition In Smart Cities From Smart Watch Data Using Lstm Recurrent Neural Networks	Q1
09	Dr. Imed Ben Dhaou	Identification, 3d-reconstruction, And Classification Of Dangerous Road Cracks	Q1
10	Dr. Imed Ben Dhaou	Telecom Churn Analysis Using Machine Learning In Smart Cities	Q1
11	Dr. Imed Ben Dhaou	Distributed Denial Of Service Attack Detection For The Internet Of Things Using Hybrid Deep Learning Model	Q1
12	Dr. Imed Ben Dhaou	Blockchain-enabled Device Authentication And Authorisation For Internet Of Things	Q1
13	Dr. Mohammed Mansour Gomaa	Optimization Of Thermal Performance To Reduce Heat Stress In Street Canyons In Different Climates	Q1
14	Prof. Abdullah Al-malaise Al-ghamdi	Robust Ddos Attack Detection Using Piecewise Harris Hawks Optimizer With Deep Learning For A Secure Internet Of Things Environment	Q1
15	Prof. Brij Bhooshan Gupta	Exploring The Effect Of Digital Transformation On Firms' Innovation Performance.	Q1
16	Prof. Abdullah Al-malaise Al-ghamdi	Deep Learning Based Face Mask Detection In Religious Mass Gathering During Covid-19 Pandemic	Q1

FACULTY PUBLICATIONS BY SCHOOLS

School of Engineering, Computing and Design			
No	Name of Faculty	Title of Article	Journal Q Rank
17	Prof. Brij Bhooshan Gupta	A Deep Learning-based Fast Fake News Detection Model For Cyber-physical Social Services	Q1
18	Prof. Brij Bhooshan Gupta	Multiround Transfer Learning And Modified Generative Adversarial Network For Lung Cancer Detection	Q1
19	Prof. Brij Bhooshan Gupta	Efficient Identity-based Multi-copy Data Sharing Auditing Scheme With Decentralized Trust Management	Q1
20	Prof. Brij Bhooshan Gupta	Analysis Of Security And Privacy Issues Of Information Management Of Big Data In B2b Based Healthcare Systems.	Q1
21	Prof. Brij Bhooshan Gupta	Unpacking The Effect Of Institutional Support On International Corporate Entrepreneurship In Entrepreneurial Support Systems.	Q1
22	Prof. Brij Bhooshan Gupta	New Paradigms Of Sustainable Entrepreneurship In Metaverse: A Micro-level Perspective	Q1
23	Dr. Saoucene Mahfoudh	Evaluating The Efficiency Of Non-orthogonal Mu-mimo Methods In Smart Cities Technologies & 5g Communication	Q1
24	Dr. Shifana Fatima Kaafil	Mechanical Performance And Numerical Simulation Of High-performance Steel Fiber Reinforced Concrete	Q1
25	Dr. Saoucene Mahfoudh	Performance Analysis Of Three Spectrum Sensing Detection Techniques With Ambient Backscatter Communication In Cognitive Radio Networks	Q1
26	Dr. Saoucene Mahfoudh	"Improving Collaborative Intrusion Detection System Using Blockchain And Pluggable Authentication Modules For Sustainable Smart City"	Q1
27	Prof. Abdullah Al-malaise Al-ghamdi	Self-upgraded Cat Mouse Optimizer With Machine Learning Driven Lung Cancer Classification On Computed Tomography Imaging	Q1
28	Dr. Syed Bilal Hussain Shah	Underwater Pollution Tracking Based On Software-defined Multi-tier Edge Computing In 6g-based Underwater Wireless Networks	Q1
29	Dr. Hashem Alaidros	A Secure Multifactor-based Clustering Scheme For Internet Of Vehicles	Q1
30	Dr. Turki Althaqafi	Colliding Bodies Optimization With Deep Belief Network Based Robust Pedestrian Detection	Q1
31	Prof. Wadee Alhalabi	Ubiquitous Intelligent Federated Learning Privacy-preserving Scheme Under Edge Computing	Q1
32	Dr. Imed Ben Dhaou	Hardware Trojan Mitigation Technique In Network-on-chip (Noc)	Q2
33	Dr. Djihed Berkouk	A Review Of Noise Pollution Policies In The Arab World	Q2

FACULTY PUBLICATIONS BY SCHOOLS

School of Engineering, Computing and Design			
No	Name of Faculty	Title of Article	Journal Q Rank
34	Dr. Anas Al-tirawi	Secure Multi-level Privacy-protection Scheme For Securing Private Data Over 5g-enabled Hybrid Cloud Iot Networks	Q2
35	Dr. Turki Althaqafi	A Machine Learning Approach For Monitoring And Classifying Healthcare Data—a Case Of Emergency Department Of Ksa Hospitals	Q2
36	Dr. Imed Ben Dhaou	Blockchain-based Authentication Scheme For Collaborative Traffic Light Systems Using Fog Computing	Q2
37	Dr. Imed Ben Dhaou	Deep Learning For Covid-19 Contamination Analysis And Prediction Using Ecg Images On Raspberry Pi 4	Q2
38	Dr. Imed Ben Dhaou	Design And Implementation Of An Internet-of-things-enabled Smart Meter And Smart Plug For Home-energy-management System	Q2
39	Dr. Imed Ben Dhaou	Early Detection Of Earthquakes Using Iot And Cloud Infrastructure: A Survey	Q2
40	Dr. Mohammed Mansour Gomaa	Design And Experimental Studies On A Single Slope Solar Still For Water Desalination	Q2
41	Prof. Abdullah Al-malaise Al-ghamdi	Artificial Intelligence Based Covid-19 Detection And Classification Model On Chest X-ray Images	Q2
42	Prof. Abdullah Al-malaise Al-ghamdi	Enhancement Of E-learning Student's Performance Based On Ensemble Techniques	Q2
43	Prof. Abdullah Al-malaise Al-ghamdi	Machine Learning-based Dos Amplification Attack Detection Against Constrained Application Protocol	Q2
44	Prof. Abdullah Al-malaise Al-ghamdi	A Hybrid Dnn Multilayered Lstm Model For Energy Consumption Prediction	Q2
45	Prof. Abdullah Al-malaise Al-ghamdi	Application Layer-based Denial-of-service Attacks Detection Against Iot-coap	Q2
46	Prof. Abdullah Al-malaise Al-ghamdi	Improved Artificial Rabbits Optimization With Ensemble Learning-based Traffic Flow Monitoring On Intelligent Transportation System	Q2
47	Dr. Mohammed Mansour Gomaa	Energy, Thermal, And Economic Benefits Of Aerogel Glazing Systems For Educational Buildings In Hot Arid Climates	Q2

FACULTY PUBLICATIONS BY SCHOOLS

School of Engineering, Computing and Design			
No	Name of Faculty	Title of Article	Journal Q Rank
48	Dr. Imed Ben Dhaou	Limpo: Lightweight Mobility Prediction And Offloading Framework Using Machine Learning For Mobile Edge Computing	Q2
49	Prof. Abdullah Al-malaise Al-ghamdi	Optimal Machine Learning Driven Sentiment Analysis On Covid-19 Twitter Data	Q2
50	Prof. Wadee Alhalabi	The Emerging Role Of Virtual Reality As An Adjunct To Procedural Sedation And Anesthesia: A Narrative Review	Q2
51	Prof. Wadee Alhalabi	Using Immersive Virtual Reality Distraction To Reduce Fear And Anxiety Before Surgery	Q2
52	Prof. Brij Bhooshan Gupta	Knowledge-based Data Processing For Multilingual Natural Language Analysis	Q2
53	Dr. Saoucene Mahfoudh	Self-adjustment Energy Efficient Redeployment Protocol For Underwater Sensor Networks	Q2
54	Dr. Dheyaaldin Alsalman	Golden Jackal Optimization With A Deep Learning-based Cybersecurity Solution In Industrial Internet Of Things Systems	Q2
55	Dr. Mohammed Mansour Gomaa	Investigating The Thermal And Energy Performance Of Advanced Glazing Systems In The Context Of Hail City, Ksa	Q2
56	Dr. Turki Althaqafi	Hybrid Hunter-prey Optimization With Deep Learning-based Fintech For Predicting Financial Crises In The Economy And Society	Q2
57	Prof. Abdullah Al-malaise Al-ghamdi	Tunicate Swarm Algorithm With Deep Convolutional Neural Network-driven Colorectal Cancer Classification From Histopathological Imaging Data	Q2
58	Prof. Brij Bhooshan Gupta	Cyberbullying In The Metaverse: A Prescriptive Perception On Global Information Systems For User Protection	Q2
59	Dr. Dheyaaldin Alsalman	A Machine Learning Model For Predicting Individual Substance Abuse With Associated Risk-factors	Q2
60	Dr. Djihed Berkouk	Evaluation Of Soundscape Variations Through The Open Public Spaces In Saharan Cities: A Case Of Biskra, Algeria	Q3
61	Dr. Djihed Berkouk	Introduction To The Special Issue On Perspectives On Soundscape And Challenges	Q3

FACULTY PUBLICATIONS BY SCHOOLS

School of Engineering, Computing and Design			
No	Name of Faculty	Title of Article	Journal Q Rank
62	Dr. Homam El-taj	Balancing Potential And Peril: The Ethical Implications Of Artificial Intelligence On Human Rights	Q3
63	Dr. Mohammed Mansour Gomaa	Macro-level Factors Shaping Residential Location Choices: Examining The Impact Of Density And Land-use Mix	Q3
64	Dr. Shifana Fatima Kaafil	Assessment Of Indoor Air Quality In Different Spaces Of Residential And Commercial Buildings In Jeddah, Saudi Arabia	Q3
65	Prof. Abdullah Al-malaise Al-ghamdi	Toward Improving Student Performance In An Online Environment Using Educational Data Mining Approach	Q4
66	Dr. Shifana Fatima Kaafil	A Comprehensive Study Of Variation In Water Quality Parameters To Design A Sustainable Treatment Plant	Q4
67	Dr. Anas Al-tirawi	Effective Feature Prediction Models For Student Performance	NA
68	Dr. Anas Al-tirawi	Flexible Electromyography [Emg] Sensor	NA
69	Dr. Anas Al-tirawi	Arabic Sentiment Analysis For Student Evaluation Using Machine Learning And The Arabert Transformer	NA
70	Dr. Homam El-taj	The Evolving Threat Landscape: An Overview Of Attacks And Response Strategies Against Cybercrime In Saudi Arabia	NA
71	Dr. Imed Ben Dhaou	Real Time Prediction Model For Air Pollution And Air Quality Index Based On Machine Learning	NA
72	Dr. Mohammed Mansour Gomaa	Beyond Culture And Civilization: Community-based Approaches To Strengthening Architecture And Urban Heritage Conservation In Southern Egypt	NA
73	Dr. Imed Ben Dhaou	Smart Vegetable Cutter For Smart Home	NA
74	Dr. Imed Ben Dhaou	Accidental Face Recognition And Detection Using Machine Learning	NA
75	Dr. Samar Altarteer	An Augmented Analog Book That Contributes In Educating Arab Children	NA
76	Dr. Samar Altarteer	Virtual Reality In Medical Education In Saudi Arabia	NA
77	Ms. Sema Ghazi Refae	Augmented Reality (Ar) For Urban Cultural Heritage Interpretation: A User Experience Evaluation	NA
78	Prof. Wadee Alhalabi	Game Analysis On General Purpose Technology Cooperative R&d With Fairness Concern From The Technology Chain Perspective	NA

FACULTY PUBLICATIONS BY SCHOOLS

School of Business and Law			
No	Name of Faculty	Title of Article	Journal Q Rank
01	Dr. Mustafa Fawzi	From Gym to Grid: Evaluating the Impact of COVID-19 on Saudi Gym-Goers' Willingness to Utilize Human Kinetic Energy for Sustainable Energy Generation	Q1
02	Dr. Karima Saci	Risk Sharing, SMEs' Financial Strategy, and Lending Guarantee Technology	Q1
03	Dr. Layla Khoja	Board characteristics and firm resilience: Evidence from disruptive events	Q1
04	Dr. Beata Polok, Dr. Mariana Dussin, Dr. Dareen Abdulmohsen	Cultural Relativism and Women's Rights in Islamic Personal Law in Saudi Arabia	Q1
05	Dr. Beata Polok and Dr. Mariana Dussin	The Empowerment of Women in the Kingdom of Saudi Arabia's Workforce	Q1
06	Dr. Samah Al Agha	Combatting Human Trafficking in Saudi Arabia	Q2
07	Dr. Tahar Lazhar Ayed	"Entrepreneurizing" College Programs to Increase Entrepreneurial	Q2
08	Dr. Beata Polok	Influence of Islamic Law, Social Customs and Practices on the Women's Inheritance	Q2
09	Dr. Samah Al Agha	Combatting Money Laundering in Saudi Arabia'	Q2
10	Dr. Tahar Lazhar Ayed	"In their Own Words- Perceived Constraints to Declared Goal Attainment by SME Owners: A View From New Zealand	Q4
11	Prof. Hany Abdelhamied	Linking Green Human Resource Practices and Sustainable Performance: The Mediating Role of Job Satisfaction and Green Motivation	NA
12	Prof. Hany Abdelhamied	Linking Leadership Styles and Employees Retention: The Mediating Role of Job Satisfaction	NA
13	Dr. Inass Ali	Unleashing The Importance Of Intellectual Capital To Achieve Competitive Advantage In Smes: The Mediating Role Of Entrepreneurial Orientation	NA
14	Dr. Karima Saci	Entrepreneurial orientation across gender in Saudi Arabia: evidence from the Adult Population Survey (APS) of Global Entrepreneurship Monitor (GEM)	NA

FACULTY PUBLICATIONS BY SCHOOLS

School of Education, Health and Behavioral Sciences			
No	Name of Faculty	Title of Article	Journal Q Rank
1	Dr. Randa Hariri	Stumbling Blocks Of Online Learning During COVID 19 Pandemic – Perspectives Of Students Of Selected Universities In London	Q2
2	Dr. Randa Hariri	COVID 19 And Its Impact On The Mental Health Of Women Professionals – An Empirical Study In Jeddah Kingdom Of Saudi Arabia	Q2
3	Dr. Yaser Numan Al Sabi	Parents' Role In Gifted Students' Educational Issues And Development	Q2
4	Dr. Yaser Numan Al Sabi	Behavioral Depression For Children With Learning Disabilities: Cases During The Pandemic	Q2
5	Dr. Yaser Numan Al Sabi	The Effect Of Emotional Intelligence On Stress In Students At King Khalid University, Saudi Arabia	Q2
6	Dr. Yaser Numan Al Sabi	Guidance For Autistic Children In Increasing Confidence In Socializing	Q2
7	Dr. Lamis Baowaidan	Applied Behavior Analysis And Autism Spectrum Disorder In The Gulf Region In The Middle East	Q2
8	Dr. Ramya A. Sindi	Evaluating The Therapeutic Potential Of Coenzyme Q10 In Colon Cancer	NA

FACULTY PUBLICATIONS BY SCHOOLS

General Education Program			
No	Name of Faculty	Title of Article	Journal Q Rank
1	Dr. Ahlam Alaki	Time Shifts In 'ālim's "The Great Serpent": Narrative Fragmentation Mirroring Historical Gentrification	Q1
2	Dr. Malakeh Itani	The Necessity Of External Examination For University Admissions In The United States And The United Kingdom	Q2
3	Dr. Shamim Khan	Design Recommendation Of A Care Center To Overcome The Psychological And Behavioral Impact Of Infectious Diseases On Humans	Q4
4	Dr. Malakeh Itani,	Chapter 6: From Passive To Active Learning: The Transformative Power Of Writing In Higher Education	NA
5	Dr. Shamim Khan	An Effective Environmental Solution For Disposal And Recycling Of Single Used Face Mask.	NA
6	Dr. Sheikah Basamh	واقع تطوير أداء القيادات الأكاديمية في جامعة دار الحكمة في ضوء مدخل الرشاقة الإستراتيجية	NA

PUBLICATIONS UNDER DAH RESEARCH PRIORITIES



Sustainability

31



Quality Life

22



Investing in the Future

18



Deep-Rooted Identity

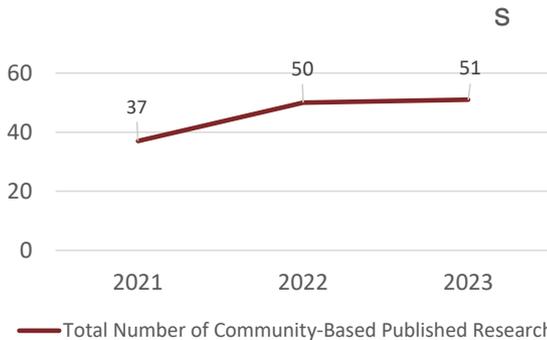
5



Economic Prosperity

4

Community-Based Publications



FACULTY CONFERENCES

No	Name of faculty	Conference Name	Type
1	Dr. Ahlam Alaki	International Conference on Myths, Archetypes and Symbols: "Models and Alternatives"	Presented the paper titled "Representation and Interpretation of Three Female Archetypes in the Arabic Literary Tradition between Mythology and Symbolism: the Goddess, Snake, and Ogress Figures" and chaired the session entitled "Meaningful Magic: Power in Supernatural Context" at the International Conference "Models and Alternatives"
2	Dr. Ahlam Alaki	10th Education, Social Sciences, and Humanities Global Conference	presented the paper titled: "Unlocking English Proficiency: The Power of Storytelling for Arabic Speaking University Students"
3	Dr. Alaa Najjar	Conference of Curriculum and Teaching Methods	Attendance and participated with research titled: "A Descriptive Case Study to Identify the Impactful Instructional Strategies that Support Arabic Students between Six to Twelve Year Olds in Becoming Proficient in the Development of Oral and Written Arabic Language"
4	Djihed Berkouk	Forum Acusticum 2023	Presented the paper titled: Preliminary results of the Soundscape Attributes Translation Project (SATP): lessons learned and next steps
5	Dr. Ghadah Alghamdi	The Twelfth International Conference on Knowledge Capture" at Pensacola - Florida, USA.	Presented the paper titled: Focus Set Semantic Differences
6	Dr. Imed Ben Dhaou	The 1st International Conference	Presented the paper titled: Harnessing the potential of artificial intelligence of things to achieve UN sustainable development goals
7	Dr. Imed Ben Dhaou	At the 20th ACS/IEEE International Conference on Computer Systems & Applications (AICCSA 2023)	Presented the paper titled: MAM: Multimodal Attention Mechanism for Social Media Natural Disaster Management Tweet Classification
			Presented the paper titled: The Internet of Things (IoT) Contribution to Natural Disaster Management: Review
			Presented the paper titled: An Ensemble-based Neural Network Model for Natural Disaster in 2019
			Presented the paper titled: A Disaster Management System Using Cloud Computing

FACULTY CONFERENCES

No	Name of faculty	Conference Name	Type
8	Dr. Imed Ben Dhaou	International Conference on Advanced Innovations in Smart Cities	Presented the paper titled: Smart vegetable cutter for Smart Home
			Presented the paper titled: A Systematic Overview on Simulation of Connected Vehicles Infrastructure in Smart Cities
			Presented the paper titled: IoT-Fog Computing Sustainable System for Smart Cities: A Queueing-based Approach
			Presented the paper titled: A Comparison of Regression Techniques for Prediction of Air Quality in Smart Cities
			Presented the paper titled: Human Activity Recognition in Smart Cities from Smart Watch Data using LSTM Recurrent Neural Networks
			Presented the paper titled: Telecom Churn Analysis using Machine Learning in Smart Cities
			Presented the paper titled: Blockchain-enabled Device Authentication and Authorisation for Internet of Things
9	Dr. Layla Khoja	44th IAEE international conference 2023	Presented the paper titled: Accidental Face Recognition and Detection Using Machine Learning
			Presented the paper titled: Tail-based Risk Network in Energy Sectors
10	Dr. Taher Ayed	Trinity Business School in Dublin, Ireland.	Presented the paper titled: "The Mediating Role of Innovation and CSR in the Relationship Digitalization-Performance: Case of French Companies"
11	Dr. Taher Ayed	presentation at ESG2023	Presented the paper titled: "Exploring the Observed & Unobserved Heterogeneity of Attitude's Mediating Function in the Link Between Risk Perception & Entrepreneurial Alertness: A case of an Emerging Market"
12	Dr. Taher Ayed	IFKAD2023 conference	Presented the paper titled: "The impact of digitalization and knowledge sharing in French company's performance: The Mediating Role of SR".
13	Dr. Taher Ayed	AFC conference, Lyon	Presented the paper titled: "The Mediating Role of CSR in the Relationship Digitalization-Performance; Case of French Companies"
14	Dr. Ruaa Lary , Dr. Tasneem Kablion and Ms. Ayhan Neyaz	Cultural heritage between theory and practice conference	Presented the paper titled: "Expressions of cultural identity and social values in Saudi visual art creations"

FACULTY CONFERENCES

No	Name of faculty	Conference Name	Type
15	Dr. Samah Alagha	Gpdrlc2023: The Second Gpdrl College Of Law International Conference On Legal, Socio-economic Issues And Sustainability	Presented The Paper Titled: "Combatting Human Trafficking In Saudi Arabia"
16	Dr. Taher Ayed	Strasbourg, France, Xxxilème Aims Conference.	Presented The Paper Titled: The Mediating Role Of Entrepreneurial Orientation And Its Dimensions In The Relationship Sr- Performance: Case Of French Companies.
17	Dr. Mona Haddad	International Austim Conference	Presented A Conference Presentation Titled: The Impact Of Intensive Training For General Education Teachers On The Inclusion Of Students With Asd
18	Dr. Randa Hariri	Digital Universities Mena 2023	Participated As Speaker
19	Dr. Randa Hariri	International Conference On Multidisciplinary Research Methodology & Ipr lcmrm - 2023	Participated As A Speaker And An Esteemed International Member In The Conference Advisory
20	Dr. Randa Hariri	The Fourth International Conference On The Future Of Digital Education In The Arab World	Participated As The Chair Of The Sixth Scientific Session Titled Issues And Challenges Facing E-learning

STUDENT RESEARCH DISSEMINATION

13 Students Publications

52 Conferences Posters

STUDENT RESEARCH DISSEMINATION

Students Research Publications			
No	Student Name of	Title of Article	Name of Faculty
01	Ms. Sarah Abdulrahman Aloufi	الاتجاهات نحو الاعمال التطوعية لدى الموظفات الإداريات بالجامعات الحكومية بجهة وعلاقتها بمستوى مشاركتهن بالاعمال التطوعية	Dr. Randa Hariri
02	Ms. Shuaa Sultan Alqahtani	التسرب الدراسي من وجهة نظر أمهات الطلبة المنقطعين عن العودة الحضورية بالمدارس الابتدائية الحكومية بجهة خلال جائحة كورونا دراسة حلة	Dr. Rabab Al-Harbi
03	Ms. Areej Bashi	واقع تطبيق الجامعات الحكومية في المنطقة الجنوبية لمعيار السلوك المؤسسي من وجهة نظر منسوبيها	Dr. Rabab Al-Harbi
04	Ms. Ghada Mohammed Alqurashi	فاعلية برنامج تدريبي قُدم على الممارسات التلمذية في تطوير مهارات الإدارة الصفية لمعلمت رياض الأطفال بجهة	Dr. Wazeera Bawazeer
05	Ms. Rahmah Ali Al Ahmary	واقع التطبيق العملي لدى طالبات الكليات الصحية بمنطقة عسير من وجهة نظر طالبات ومحاضرات المختبر	Dr. Rabab Al-Harbi
06	Ms. Amal Ali Alomre	أسلوب الاشراف الالكتروني لتطوير مهارات التخطيط للتدريس وتقييم أداء الطالبات لدى معلمات المرحلة المتوسطة بإدارة تعليم جدة	Dr. Wazeera Bawazeer
07	Ms. Maryam Bagaber	Assessment of Indoor Air Quality in Different Spaces of Residential and Commercial Buildings in Jeddah, Saudi Arabia	Dr. Shifana Fatima Kaafil
08	Ms. Roaa Mohammed Omar	Preliminary Study to Show the Effect of Building Envelope Materials on Thermal Comfort of Buildings .Located in Hot Humid Climate	Dr. Shifana Fatima Kaafil
09	Ms. Bayan Alalawi	Virtual Reality in Medical Education in Saudi Arabia	Dr. Samar Altarteer
10	Ms. Noha Jamjoom	An Augmented Analog Book that Contributes in Educating Arab Children	Dr. Samar Altarteer
11	Ms. Manal Rashed Alshareef	The Building Blocks of Student Loyalty in Saudi Private Universities: A Marketing Perspective	NA
12	Ms. Wasan Khaled Alhagas & Ms. Moodhi Abdurrahman Alhenaki	The Implementation of Foreign Investment Law in Saudi Arabia	NA
13	Ms. Sarah Yaser Faden	Parents of Children With Neurodevelopmental Disorders: A Mixed Methods Approach to Understanding Quality of Life, Stress, and Perceived Social Support	NA

RECOGNITION OF DAH RESEARCHERS 2023



RECOGNITION OF DAH RESEARCHERS- 2023

Top Researchers

- 17** Dr. Imed Ben Dhaou
 - 12** Dr. Abdullah Alghamdi
 - 9** Prof. Brij Bhooshan Gupta
 - 6** Dr. Mohammed Gomaa
 - 5** Dr. Saocene Mahfouth
-

Top Citations

- 159** Prof. Brij Bhooshan Gupta
 - 72** Dr. Imed Ben Dhaou
 - 60** Dr. Wadee Alhalabi
 - 22** Dr. Abdullah Alghamdi
 - 11** Dr. Mohammed Gomaa
-

Top Publications with Students

- 2** Dr. Samar Altarteer
- 2** Dr. Wazeera Bawazeer
- 2** Dr. Imed Ben Dhaou
- 2** Dr. Shifana Kaafil

STUDENTS RESEARCH COMPETITION AY 2022-2023

Dar Al-Hekma University recognizes that rewarding outstanding outcomes is a vital motivator that contributes to an overall higher quality of student research. For the Academic Year 2022-2023, the Student Research Award was determined through a competition, a pivotal session of the Conference for Creativity in Teaching and Educational Leadership held in May 2023.

Award Participants:

A significant number of students [52] from all three schools actively participated in the poster category, adhering to the specified criteria, and presenting their work to the Student Research Award jury.

Competition Award Prize

1. First Place Award: **3000 SR**
2. Second Place Award: **2000 SR**
3. Third Place Project Award: **1000 SR**

The Winners in the Research Posters

 1st Place	Toulin Mohammed Tabbash	<ul style="list-style-type: none"> • Hekma School of Engineering, Computing and Design • Architecture Department
 2st Place	Khadija Alkaf	<ul style="list-style-type: none"> • Hekma School of Engineering, Computing and Design • Architecture Department
 3st Place	Deema Saad Waheeb	<ul style="list-style-type: none"> • Hekma School of Engineering, Computing and Design • Architecture Department

DAH RESEARCH INITIATIVES AND SUPPORT

RESEARCH FUND PROGRAM

The Scientific Research Center is providing financial support for researchers who need resources to conduct excellent research.

Internal Research Grants 6

Fund of Article Processing Charge 21

Research Grants Proposals Submitted to The Research Development and Innovation Authority

4 Proposals

8 Faculty

هيئة تنمية البحث
والتطوير والابتكار
Research Development
and Innovation Authority



CONFERENCE ON CREATIVITY IN TEACHING AND EDUCATIONAL LEADERSHIP

The Conference on Creativity in Teaching and Educational Leadership hosted experts in the field of education who presented and discussed the most important educational issues related to creativity and innovation in education as well as the challenges that people working in the field of education face. Other issues that contribute to the development of the educational sector and the professional development of teachers which, eventually, contribute to the advancement of education in general, are also discussed after which the presenters came up with applicable recommendations. The conference was honored by the presence of His Excellency the Director General of the Education Department in the Jeddah Governorate, Dr. Nayef Al-Zari', as a guest of honor and speaker.

Creativity in Teaching and Educational Leadership 20-21 May 2023

Speakers and Moderators	Discussion Panels	Scientific Papers and Posters	Success Stories
9	8	11	11
Workshops	Students Projects	Presentations	Sponsors
6	50	4	4
Audience	Volunteers	Registered	Committee
Over 400	83	800	5 Committees 142 Members

CONFERENCE ON CREATIVITY IN TEACHING AND EDUCATIONAL LEADERSHIP



CONFERENCE PARTNERS AND SPONSORS

Conference Partners



إثراء المعرفة للمؤتمرات والأبحاث والنشر العلمي
Ithra Elmarafa for Conferences, Researches and Scientific Publish



Conference Sponsors



MAIN RESEARCH PROJECT COLLABORATION

Imam Abdulrahman Bin Faisal University Agreement



جامعة الإمام عبد الرحمن بن فيصل
IMAM ABDULRAHMAN BIN FAISAL UNIVERSITY

In a three-year memorandum of understanding (MOU) with Imam Abdulrahman Bin Faisal University, we focus on collaborative research, training, and knowledge exchange. This partnership has provided valuable benchmarks and best practices for research at DAH. Key outcomes for the year 2023 include:

- A visit to IAU to gain insights into their research initiatives and best practices.
- DAH hosted a workshop by the VP of Research and Collaboration, sharing IAU's strategic Key Performance Indicators (KPIs) and best practices with management and faculty.
- Identifying key areas for collaboration in faculty and student research, with the SRC currently compiling necessary details.
- IAU's participation in the DAH conference, featuring a publication submitted by the university faculty.

MAIN RESEARCH PROJECT COLLABORATION



Elm Information Security Company

The SRC initiated communication with Elm Information Security Company, leading to potential research collaboration opportunities. Key outcomes for the year 2023 include:

- Elm researchers participated in the DAH conference poster publication, as invited by the SRC.
- Elm researcher's involvement in the final jury for a graduation project, as invited by the SRC.
- Collaborative efforts on a research proposal submitted to the Research and Development Authority.
- Approval of a research proposal by Elm, collaborating with DAH on data collection in 2024, involving faculty and students.

MAIN RESEARCH PROJECT COLLABORATION

Visiting Researcher Program

As part of our commitment to fostering a culture of collaboration and knowledge exchange, a Visiting Researcher program was launched. This initiative aimed to attract esteemed scholars from around the globe, enriching our research community with diverse perspectives and expertise. Through this program, DAH will foster interdisciplinary collaborations and expand the horizons of our research endeavors.

Visiting Researcher: Prof. Brij Bhooshan Gupta

DAH Joint Authors: 3 Authors

Published Research: 9 publications

Total citation: 159 citations

3
Authors

9
Publications

159
Citations

Research Studio Program

The Scientific Research Center organized The Research Studio Program supervised by Dr. Beata Polok, to guide students in the research field, and educate the importance of publishing. help them develop their research skills by implementing Short lectures, discussion groups, and Q&A sessions.

MAIN INTERNATIONAL RESEARCH COLLABORATIONS ENTITIES



Harvard Medical School
Program



Core Laboratories

Core Lab + Ltd



University of London



Glasgow Caledonian
University



University of
Washington



University of Sfax
TUNISIA

University of Sfax

MAIN NATIONAL RESEARCH COLLABORATIONS ENTITIES



وزارة الاتصالات
وتقنية المعلومات
MINISTRY OF COMMUNICATIONS
AND INFORMATION TECHNOLOGY

Ministry of Communication &
Information Technology

البنك المركزي السعودي
SAMA
Saudi Central Bank



Saudi Central Bank

FREQUENTLY MAIN RESEARCH COLLABORATIONS ENTITIES



King Abdulaziz University



Lebanese American University



Asia University



Al-Azhar University



University of Petroleum and Energy Studies

95

Total Joint Research Collaborations Entities

RESEARCH TRAINING, ORIENTATION, AND ACTIVITIES

The Scientific Research Center conducts Research Training, Orientation, and Activities to enrich the researcher's scientific outcomes.

- 9** Training
- 3** Orientation
- 2** Research hours
- 1** Seminar

No	Workshop Title	Workshop Type	Workshop Presenter
1	Scientific Research Center New Faculty And Staff Orientation 22-23 Spring	Orientation	Dr. Samar Altarteer
2	Orientation: Research Guidelines And Updates	Orientation	Dr. Samar Altarteer
3	Scientific Research Center New Faculty And Staff Orientation - Fall 23-24	Orientation	Dr. Samar Altarteer
4	Promotion... Lessons Learned!	Training	Dr. Samah Alagha & Dr. Inass Ali
5	Planning And Writing A Research Grant Proposal	Training	Prof. Abdullah Alghamdi
6	Introduction To Scopus	Training	Mr. Wael Mansour – Elsevier Senior Customer Consultant
7	Preparing A Research Poster	Training	Dr. Malakeh Itani
8	Research Groups Impact On The Organization Research Culture	Training	Dr. Wadee Alhalabi
9	Ibn Khaldun Fellowship Program	Training	Academy 32
10	1st Research Seminar: Knowledge Sharing Between Universities: A Suggested Model For Ks Between Kau University And Dah University	Seminar	Ms. Shaza Gazdar

RESEARCH TRAINING, ORIENTATION, AND ACTIVITIES

No	Workshop Title	Workshop Type	Workshop Presenter
11	1st Research Hour: "The Effect of the Pandemic and Lockdown on Examinations: How Different Educators Responded."	Research Hour	Dr. Malakeh Itani
12	2nd Research Hour: "COVID 19 & its impact on the Mental Health of Women Professionals – An Empirical Study in Jeddah Kingdom of Saudi Arabia."	Research Hour	Dr. Randa Hariri
13	النشر في المجلات العلمية	Training	Prof. Heba Kurdi
14	تجربتي مع النشر في المجلات العربية	Training	Prof. Raja Omar
15	مؤشرات أداء بناء ثقافة البحث العلمي	Training	Dr. Nehad Alomair

RESEARCH SUPPORT AND SERVICES

The Scientific Research Center provides multiple services to support the researchers and to improve the quality of research.

Software



Automation services

- Automated one SRC service through Help-Desk
- Updated the Employee Self Service (ESS) research profile

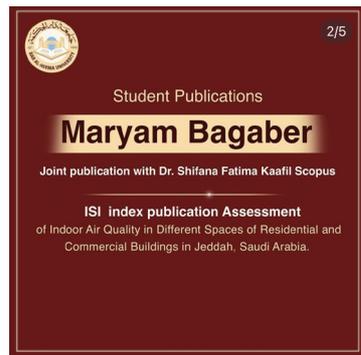
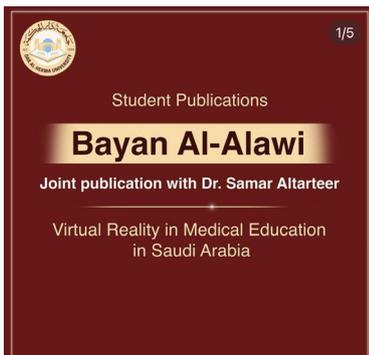
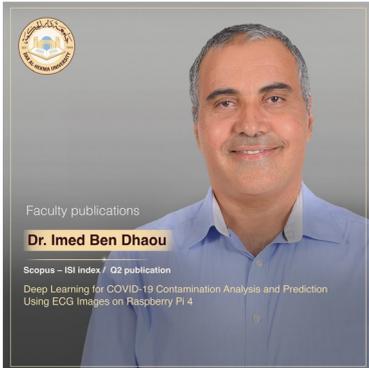
Manuals

- IThenticate Manual
- ORCID Video Tutorial

SOCIAL MEDIA RESEARCH CAMPAIGNS

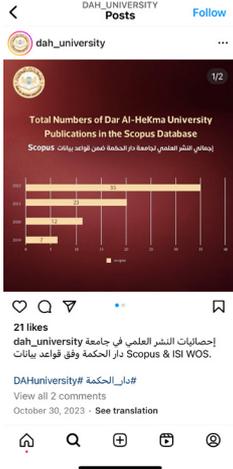
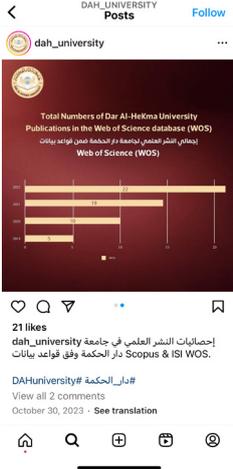
The Research and Publication of the Month Campaign

The Scientific Research Center initiated a Social Media Research Campaign to promote and commercialize Dar Al-Hekma research publications and conference activities.



SOCIAL MEDIA RESEARCH CAMPAIGNS

The Scientific Research Center initiated Social Media campaign for research statistics



SOCIAL MEDIA RESEARCH CAMPAIGNS

The Scientific Research Center initiated Social Media videos to introduce the university researchers per school.





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