



# منتدى جامعة البحرين للدراسات العلية ٢٠٢٦

The University of Bahrain Forum for  
Postgraduate Studies 2026

Wednesday - 6<sup>th</sup> May 2026

جامعة البحرين  
عمادة الدراسات العليا والبحث العلمي



<https://pgsforum.uob.edu.bh/>



## Forum's Program برنامج المنتدى




Time*	Program
03:00-03:30	Welcoming Note
03:30-03:35	Opening Ceremony
03:35-03:45	<b>Dr. Fuad Al Ansari</b> His Excellency the President of the University of Bahrain
03:45-03:55	<b>Dr. Athraa Al Mosawi</b> The Deanship of the Graduate Studies and Scientific Research

### Competition: MY THESIS CHALLENGE IN THREE MINUTES

3:55-05:10	1. Sara Alshakrani	6. Nebras Yaqoob
	2. Mana Alahmari	7. Khadija Al Majed
	3. Maryam Obaid	8. Samya Mohammed
	4. Hawra Saeed	9. Ameena AIGHanem
	5. Maryam Ali	10. Abdurahman Fares
05:10-05:15	Break Shifting to the Parallel Sessions	




## Parallel Session A


No.	Paper No.	<b>Session A-1: (College of Engineering)</b>	<b>Session Chairs:</b> Prof. Ebrahim Mattar Dr. Reem Sultan	<b>Room Link:</b> 
		<b>Title</b>	<b>Author</b>	<b>Time</b>
		<b>Alumni Presentation</b>	<b>Haya Jassim Ahmed Darwish</b>	<b>5:15-5:30</b>
1	10	Evaluating the Effectiveness of Regulatory Frameworks for Transitioning to Net-Zero Energy Buildings in a Tropical Desert Climate <b>Published Research</b>	Motaz Taiseer Saleh Mestarehi	5:30-5:45
2	11	Preliminary Investigation of Urban Vertical Greening for a Dense Residential Area in Bahrain <b>Developed Research</b>	Motaz Taiseer Saleh Mestarehi	5:45-6:00
3	24	Improving Architectural Professional practice in Bahrain: Addressing Payment delays in private sector construction projects <b>Research Under Publication</b>	Zakiya Mohammed	6:00-6:15
4	25	The Effect of minimalism on user experience and spirituality in Mosques: A case of Bahrain <b>Research Under Publication</b>	Zakiya Mohammed	6:15-6:30
5	26	Designing Child-Friendly Spaces in Mosques: Architectural Strategies for Inclusion <b>Developed Research</b>	Zakiya Mohammed	6:30-6:45
6	31	The Ultimate Architectural Experience: Understanding Phenomenological Experience in a Space <b>Research Under Publication</b>	Lana Mohamad Youssef Ashkar	6:45-7:00
7	32	Optimization of Reinforced Concrete Fluid Tank Design Using Soft Computing Techniques <b>Research Under Publication</b>	Zainab Abdulameer Barni	7:00-7:15
8	34	Economic Optimization of the Energy Portfolio Management at Hard-to-Abate Industries <b>Research Under Publication</b>	Alaa Jameel Isa Alsaffar	7:15-7:30
9	61	Application of Hierarchical Zeolites in Organic Dye Degradation <b>Research Under Publication</b>	Abdulnaser Abdulaziz	7:30-7:45



## Parallel Session A

No.	Paper No.	<b>Session A-2: (College of Information Technology)</b>	<b>Session Chair:</b> Dr. Wael Elmedany Dr. Fawzi Albalooshi	<b>Room Link:</b> 
		<b>Title</b>	<b>Author</b>	<b>Time</b>
		<b>Alumni Presentation</b>	<b>Dr. Mohamed Nabil Hammad</b>	5:15-5:30
1	28	Automated incident response system in zero trust environment <a href="#">Research Under Publication</a>	Mohamed Hasan Mohamed	5:30-5:45
2	38	Assessing Organizational Readiness to Adopt AI Governance Frameworks for Responsible AI Implementation <a href="#">Research Under Publication</a>	Maryam AbdulGhani Hasan Saleh	5:45-6:00


## Parallel Session A

No.	Paper No.	<b>Session A-3: (College of Health and Sport Sciences)</b>	<b>Session Chairs:</b> Dr. Magda Bayoumi Dr. Samera Helal Dr. Rasha Eweida	<b>Room Link:</b> 
		<b>Title</b>	<b>Author</b>	<b>Time</b>
		<b>Alumni Presentation</b>	<b>Noof Waleed Ismaeel Ahmed</b>	<b>5:15-5:30</b>
1	41	<b>From Violence to Withdrawal: Examining Self-Compassion, Engagement, and Turnover Intentions Among Emergency Nurses</b> <a href="#">Research Under Publication</a>	Wedad Mohamed Ali Sanad	5:30-5:45
2	44	<b>Assessment of paediatric Nurses' Attitude, Perception, Beliefs and Barriers Toward Family-Centered Care for Paediatric Patients in the Emergency Department at Salmaniya Medical Complex</b> <a href="#">Research Under Publication</a>	Adnan Noor Bakhsh Saifudin	5:45-6:00
3	54	<b>Effect of Moulage-Based Trauma Simulation on Triage Assessment and Trauma Care</b> <a href="#">Research Under Publication</a>	Mahmood Mohamed Ali, Sajeda Mansoor, Zainab Jaffar, Eman Shaker	6:00-6:15
4	55	<b>Recognizing STEMI and Lethal Arrhythmias at Triage</b> <a href="#">Research Under Publication</a>	Mohammed Amer, Heba Ibrahim, Ebrahim Khalil, Mohamed Alsaegh	6:15-6:30
5	56	<b>The Relationship Between Workplace Violence, Safety Perceptions, and Professional Quality of Life Among Emergency Nurses</b> <a href="#">Research Under Publication</a>	Rabab Hasan Abdulla, Heba Jaffar Ebrahim	6:30-6:45
6	66	<b>Impact of AI-Driven Early Warning Systems and Digital Workload on Clinical Decision-Making Accuracy and Burnout Among ICU Nurses at Salmaniya Medical Complex, Bahrain</b> <a href="#">Research Under Publication</a>	Ebrahim Abdulla Ebrahim, Mohammed Majeed Abbas, Redha Nasser Ahmed, Mohammed Jaffer AL Sayegh, Mohammed Abdulla Al Asfoor	6:45-7:00
7	67	<b>A Descriptive Study of Nurses' Knowledge and Attitudes toward the Application of Sustainable Development Goals (SDGs) and Their Tools in Clinical Practice</b> <a href="#">Research Under Publication</a>	Zainab sami, Hawra abdulnabi, Tahani alanzi, Redha Adel, Ahmed saeed	7:00-7:15

## Parallel Session A

No.	Paper No.	<b>Session A-4: (Colleges of Arts &amp; Mohammed Jaber Al Ansari for Teachers )</b>	<b>Session Chairs:</b> Prof. Ahmed Saad Jalal Prof. Abdelfattah Youssef	<b>Room Link:</b> 
		<b>Title</b>	<b>Author</b>	<b>Time</b>
		<b>Alumni Presentation</b>	<b>سامية خالد عبدالله محمد</b>	5:15-5:30
1	2	فاعلية برنامج إرشادي جدلي سلوكي لرفع مستوى الرضا الزوجي لدى عينة من المتزوجات في مملكة البحرين أبحاث منشورة	رباب أحمد محمد مطر	5:30-5:45
2	15	دور الاعلام في توعية الجمهور بقضايا التنافسية والتنمية المستدامة أبحاث قيد النشر	راشد مبارك راشد بوورده	5:45-6:00
3	16	<b>A Semantic Investigation of Three Arabic Near-Synonymous in The Holy Quran: A Comparative Analysis</b> Developed Research	Rouya Majid Nasiri	6:00-6:15
4	17	أثر برنامج إرشادي في تنمية رأس المال النفسي لدى أمهات الأسر وحيدة الوالدية بمملكة البحرين أبحاث منشورة	موزة دعيح خليفة الرويعي	6:15-6:30
5	59	<b>Speaking is Physical: the role of the human body in speech production</b> Developed Research	Zainab Ghazi Yusuf	6:30-6:45
6	62	<b>Between Innovation and Dependence: A Linguistic Analysis of AI-Generated Lesson Materials in English Language Teaching in Private Schools</b> Research Under Publication	Ahmed Hani Abdulrasool Abdulhusain Hamad	6:45-7:00
7	63	<b>Syntactic Complexity Development in Bahraini EFL Academic Writing: An Automated and Register-Based Analysis</b> Published Research	Hessa Ahmed Yahya Alnajjar	7:00-7:15

## Parallel Session A

No.	Paper No.	<b>Session A-5: (College of Science)</b>	<b>Session Chairs:</b> Dr. Hacene Manaa Dr. Ezzat Khan	<b>Room Link:</b> 
		<b>Title</b>	<b>Author</b>	<b>Time</b>
		<b>Alumni Presentation</b>	<b>Noor Abdullah</b>	5:15-5:30
1	3	<b>Assessing Nanoparticles and Antibiotic Synergy Against Antibiotic-Resistant Bacteria in Poultry</b> Research Under Publication	Fatema Shehab	5:30-5:45
2	22	<b>A Proposed National Model for Tailored Education in the Kingdom of Bahrain</b> Research Under Publication	Abdulla Bader Alhaddad	5:45-6:00
3	33	<b>Evaluating Healthcare Providers' Knowledge About Adult Nutrition Support at Bahraini Government Hospitals' Intensive Care Unit</b> Developed Research	Asma Fahhad AL-Hethlain	6:00-6:15
4	37	ورقة عمل: "التمكين البرمجي والذكاء الاصطناعي في التعليم" مشروع التحول النوعي للمناهج الدراسية (مرحلة ما بعد الذكاء الاصطناعي) أبحاث قيد الإعداد	عبدالله بدر الحداد	6:15-6:30
5	40	<b>Integrated Environmental Governance of Nuclear and Electronic Waste in Small Modular Reactor Deployment: Implications for GCC Energy Transitions</b> Research Under Publication	Mohmed Abdulla Al Shaikh	6:30-6:45
6	50	<b>The Role of Islamic Education Curricula in Promoting Public Participation: A Content Analysis of Primary School Textbooks in the Kingdom of Bahrain</b> Research Under Publication	Zakeya Sayed Mohamed Abdulla Shubbar	6:45-7:00
7	52	<b>Artificial Intelligence-based Pharmacogenomic Modelling for the Prediction of Bortezomib Response in Multiple Myeloma</b> Research Under Publication	Fatima M. Quadir, Mustafa Mayoof, Mahmood Nasser	7:00-7:15



## Parallel Session A

No.	Paper No.	<b>Session A-6: (College of Business Administration)</b>	<b>Session Chairs:</b> Dr. Mourad Messaadia Dr. Sumathi Kumaraswamy	<b>Room Link:</b> 
		<b>Title</b>	<b>Author</b>	<b>Time</b>
		<b>Alumni Presentation</b>	<b>Mohamed Hassan Thabet</b>	5:15-5:30
1	6	Explainable Random Forest-Based Credit Risk Assessment for Lending Decisions in the Retail Banking Sector <i>Research Under Publication</i>	Basheer Abdullah Mohammed Alnattar	5:30-5:45
2	13	Early Detection of Strategic Decline: A Dynamic and Explainable Machine Learning Framework <i>Research Under Publication</i>	Dura Almahari	5:45-6:00
3	18	Enhancing Sustainability through context of VUCA block chain driven capabilities <i>Research Under Publication</i>	Hamad Abdullah Hamad ALYami	6:00-6:15
4	19	Artificial Intelligence and Digital Transformation in Supply Chain Management A Case Study in Saudi Companies <i>Published Research</i>	Yousef Mohammed Alsharidah	6:15-6:30
5	20	Towards an Ethical Use of Big Data Analytic in Current Islamic Banking Corporate <i>Published Research</i>	Yousef Mohammed Alsharidah	6:30-6:45
6	21	Towards an ethical and trustworthy of virtual work environment in current workplace <i>Published Research</i>	Yousef Mohammed Alsharidah	6:45-7:00
7	36	Volatility Modelling and Forecasting of Crude Oil Price using Univariate Time Series Models <i>Research Under Publication</i>	Salah H. Kadhem and Ilyas Efe Elgun	7:00-7:15
8	47	Ethical Governance, Safety Culture, and SDG 8.8: A Qualitative Case Study of Hidd Power Company, Bahrain <i>Developed Research</i>	Jasim Mohamed Radhi Saba Husain Almahroos Saeed Fakhr Mohamed Dheya Alawi	7:15-8:00

## Parallel Session A

No.	Paper No.	Session A-7: (College of Law)	Session Chairs: Dr. EL Haysam Selim Dr. Basem ALSharji	Room Link: 
		Title	Author	Time
		<b>Alumni Presentation</b>	الشيخة نواف خالد ال خليفة	5:15-5:30
1	1	التحول من "سلطان الإرادة" إلى "سلطان الخوارزمية": إعادة تأسيس النظرية العامة للالتزام في ظل الشخصية القانونية الرقمية، أبحاث قيد الإعداد	ياسر عمار سالم	5:30-5:45
2	5	دور الذكاء الاصطناعي في التحقق من صحة المحررات والسجل الالكتروني أبحاث قيد الإعداد	زهراء حسين محمد علي حبيب	5:45-6:00
3	12	إلزام الشاهد المدني أبحاث قيد النشر	نوره قيس ابراهيم الصقير	6:00-6:15
4	27	الخبرة القضائية في ظل التطورات الحديثة وفقاً للقانون البحريني أبحاث قيد النشر	مروة جواد عماد الغزالي	6:15-6:30
5	29	حدود الحماية الجنائية للأسرة في الفضاء الرقمي أبحاث قيد النشر	حصه حمود النويف	6:30-6:45
6	30	الحماية القانونية للمستهلك في ضوء تطبيق قانون ضريبة القيمة المضافة أبحاث قيد النشر	فاطمة هشام العوامي	6:45-7:00

## Parallel Session B

No.	Paper No.	<b>Session B-1: (College of Health and Sport Sciences)</b>	<b>Session Chairs:</b> Dr. Zohour Rashwan Dr. Toqa Jameel Dr. Joseph Jeganathan	<b>Room Link:</b> 
		<b>Title</b>	<b>Author</b>	<b>Time</b>
1	68	<b>Improving Continuity of Care: The Effect of a Nurse-Led SBAR Handoff Protocol on Adverse Events During ICU-to-Ward Transitions</b> <a href="#">Research Under Publication</a>	Jannat Abdulla Ali Ramadhan	5:30-5:45
2	75	<b>The Impact of Shift Work and Sleep Quality on the Cognitive Functions of Nursing Students</b> <a href="#">Research Under Publication</a>	Sawsan Mahmood Asghar Abdulwahab Abbas	5:45-6:00
3	77	<b>Knowledge, Attitude and Self-Efficacy: A Quantitative Evaluation of ICU Nurses Competence in Managing ICU Delirium</b> <a href="#">Research Under Publication</a>	Mariam Abdulghani	6:00-6:15
4	78	<b>Family Resilience and Readiness for Hospital Discharge Among Caregivers of Stroke Survivors: An Exploratory Mixed-Methods Study</b> <a href="#">Research Under Publication</a>	Jehan Muslem Mohamed	6:15-6:30
5	81	<b>Effect of Virtual Reality-Based Education on Critical Care Nurses' Self-Efficacy and Clinical Decision-Making in Managing Diabetic Ketoacidosis in Bahrain</b> <a href="#">Research Under Publication</a>	Asma Nasr, Anwar jawad, ebrahim aqeel, sayed hashem, mariam Ali	6:30-6:45
6	14	<b>Prevalence and Factors Associated To Intradialytic Hypotension Among Patient Undergoing Hemodialysis</b> <a href="#">Research Under Publication</a>	Jasim Abdulla Matter, Lulwa Abdulla Isa, Maleeha Jaffar Sahwan	6:45-7:00
7	12	<b>Nurses' Perception of Hemodialysis Cannulation Techniques at the Governmental Hemodialysis Units in the Kingdom of Bahrain</b> <a href="#">Research Under Publication</a>	Wadeea Mohamed, Budoor Hussain, Zahra Hasan, Mariam Isa Khudhair	7:00-7:15

## Parallel Session B

No.	Paper No.	Session B-2: (Colleges of Arts & Mohammed Jaber Al Ansari for Teachers)	Session Chairs: Dr. Mooza Isa Al Doy Dr. Nuri Rahouma Ageli	Room Link: 
		Title	Author	Time
		<b>Alumni Presentation</b>	<b>Muna Ebrahim</b>	5:15-5:30
1	64	The Role of Games in Developing Vocabulary Retention Among Esl Grade 6 Learners at Britus International School <b>Developed Research</b>	Mohamed Jaafar Abdulla	5:30-5:45
2	73	Teachers' Perceptions of the Upcoming Shift to Using English as the Medium of Instruction in Mathematics and Science in Government Schools: A'ali Primary Intermediate Boys' School as a Case Study <b>Developed Research</b>	Mohamed Baqer Alsharakhi	5:45-6:00
3	92	فاعلية برنامج إرشادي مبني على نموذج الذكاء العاطفي لجولمان في تعديل السلوك اللاتوافقي لدى الأبناء في مدارس حكومية بمملكة البحرين أبحاث قيد الإعداد	لؤلؤه عبدالله السطحي	6:00-6:15
4	57	فعالية الأنشطة الطلابية بمشروع إبداعات في تحصيل طلاب المرحلة الإعدادية ودافعتهم نحو الكتابة أبحاث منشورة	Ali Mahdi Ali Janooh	6:15-6:30
5	72	Cognitive Interactions of Text World and Image Schemas theories in Rouya Majid Nasiri's "The Waterskin" <b>Developed Research</b>	Hasan Sarhan	6:30-6:45
6	71	Repetition Devices in Harry Potter <b>Developed Research</b>	Hasan Sarhan	6:45-7:00
7	35	توظيف الذكاء الاصطناعي في تحليل سيميولوجيا الصورة في مواقع الصحف الالكترونية البحرينية: مقارنة بين إدراك الإنسان وقراءة الآلة أبحاث قيد النشر	خليل إبراهيم جمعة العسوامي	7:00-7:15



## Parallel Session B

No.	Paper No.	<b>Session B-3: (College of Science)</b>	<b>Session Chairs:</b> Dr. Basma Taqi Al-Najar Dr. Wael Abdelkader Amber	<b>Room Link:</b> 
		<b>Title</b>	<b>Author</b>	<b>Time</b>
1	60	<b>Green Infrastructure Planning for Sustainable Urban Development: A PRISMA-Guided Systematic Literature Review with Implications for Arid Regions</b> <i>Developed Research</i>	Sharifa Redha Alaraibi	5:30-5:45
2	84	<b>The Relationship Between Workplace Violence, Safety Perceptions, and Professional Quality of Life Among Emergency Nurses</b> <i>Research Under Publication</i>	Heba Jaafar Ali Ebrahim, Rabab Hasan	5:45-6:00
3	87	<b>Green Synthesis of Eco-Friendly Silver Nitrate Nanoparticles and Their Role in the Melanogenesis Inhibition</b> <i>Developed Research</i>	Bibi Shazia Sabir	6:00-6:15
4	88	<b>Investigating the Toxic Effect of Silver Nanoparticles Against Fungal Growth in Hospitals</b> <i>Developed Research</i>	Maryam Yusuf Ebrahim Isa Sanad	6:15-6:30
5	89	<b>Impact of Different Influenza Strains Genotypes on Disease Severity and Transmissibility in Kingdom of Bahrain</b> <i>Research Under Publication</i>	Noor Abdulla	6:30-6:45
6	90	<b>Hepatitis B Prevalence and Vaccination Impact: A Two-Decade Retrospective Study in Bahrain</b> <i>Developed Research</i>	Shaima Alharam	6:45-7:00