



منتدى جامعة البحرين للدراسات العليا ٢٠٢٥

The University of Bahrain Forum for
Postgraduate Studies 2025

جامعة البحرين
عمادة الدراسات العليا والبحث العلمي





Forum's Program برنامج المنتدى

Time*	Location: Main Hall S45-101
03:00-03:30	Registration
03:30-03:35	Opening Ceremony
03:35-03:45	Dr. Fuad Al Ansari His Excellency the President of the University of Bahrain
03:45-03:55	Dr. Athraa Al Mosawi The Deanship of the Graduate Studies and Scientific Research

Competition: MY THESIS CHALLENGE IN THREE MINUTES

03:55-05:10

1 Fatema Abdul Jabbar Almarzooq	2 Amal Salem Shaheen	3 Balqees Akram
4 Dalal Almeshari	5 Shaimaa Khaled Ahmad Alsaleh	6 Maryam Khaled Adwan
7 Esraa Adel Janahi	8 Zahra Radhi Abdulla	9 Fatima A. Rahman Bin Zaiman

05:10-05:15

Coffee Break
Shifting to the Parallel Sessions



Parallel Sessions

Time*	S45-06	S45-108	S44-101		S45-07	S45-101	S1B-025	S45-11	S1B-281	
	Engineering	IT	CHSS		Arts	Science	Business	Law	Education	
5:15-5:30	SESSION R1-1	SESSION R2-1	SESSION R3A-1		SESSION R4-1	SESSION R5-1	SESSION R6-1	SESSION R7-1	SESSION R8-1	
	Keynote Speaker	Keynote Speaker	Keynote Speaker		Keynote Speaker	Keynote Speaker	Keynote Speaker	Keynote Speaker	Keynote Speaker	
	Dr. Ali Al Nashwan	Dr. Amal Shahin	Fatema Mohamed Habib		مرح عبد الحميد سليمان	Elham Abdulla Musaaed	Marwa Abbas Sultan	سارة مبارك الدوسري	Dr. Muna Ebrahim	
5:30-5:45	S45-06	S45-108	S44-101	S44-106	S44-107	S45-07	S45-101	S1B-025	S45-11	S1B-281
	SESSION R1-2	SESSION R2-2	SESSION R3A-2	SESSION R3B-2	SESSION R3C-2	SESSION R4-2	SESSION R5-2	SESSION R6-2	SESSION R7-2	SESSION R8-2
	AI for Power Systems Operations	Optimizing Data Governance Strategies for Workloads in Cloud Environments	Relationship between Compassion Fatigue, Compassion Satisfaction and Caring Behaviors among Nurses Working at Emergency Department	Unlocking the Future: Intensive Care Nurses' Perspectives on Artificial Intelligence in Bahrain	Alexithymia, social support, depression, and burnout among emergency nurses in Bahrain: a structural equation model analysis	The Use of Speech Acts in the Interpretation of “Tess of the d’Urbervilles”: A Pragmatic Analysis	Generating Captions for Images through Deep Learning Methods	A Systematic Literature Review of Capital Structure Theories: Theoretical Development and Empirical Assessment	الحق في المساواة وعدم التمييز العنصري أمام القانون البحريني (دراسة مقارنة تحليلية في ضوء التشريع البحريني والتفافية الدولية للقضاء على جميع أشكال التمييز العنصري)	Understanding The Factors Behind Successful Schools Performance: A Multi-Case Study of Primary Schools in the Kingdom of Bahrain
	Jawaher Adel Albanki	Kawthar Al-Asfoor	Abrar Hameed Ebrahim Ahmed, Naeema Abdulla Ali Alsafeef, Israa Ebrahim Hasan Alaradi, Joseph Jeganathan	Zahra Ahmed Ghuloom Mohammed Ali, Ismaeel Mohammed Ahmed, Sajidah Jaafar Abdulhusain	Hussain Mohamed Ali, Hasan Mohamed Ali, Attaf Adel Salman	Ayesha Mohammad Farooq M.Asghar Imam Fadhl	Hooreya AbdulQader Khunji	Yaqoob Yusuf Kadhem Abdulla	محمد حمد فارس العيد	Salman Yusuf Zayed
	Preliminary Research	Preliminary Research	Developed Research	Preliminary Research	Developed Research	Preliminary Research	Published Research	Preliminary Research	Published Research	Preliminary Research
5:45-6:00	SESSION R1-3	SESSION R2-3	SESSION R3A-3	SESSION R3B-3	SESSION R3C-3	SESSION R4-3	SESSION R5-3	SESSION R6-3	SESSION R7-3	SESSION R8-3
	Developing a Coherent Framework for Integrating Systems Engineering and Project Management Using Quality Function Deployment	A Detailed Review of Machine Learning Models for Handwritten Digit Recognition	Fear of Hypoglycemic Attacks among Adults with Diabetes Mellitus: Influence on Self-Efficacy and Adherence to Insulin Therapy	Factors Predicting the Use of Gestonurse in the Surgical Workflow and Associated Occupational Hazards: A Descriptive Predictive Study	Impact of an Educational Program Implementation on Nurses' Knowledge & Confidence Applying the Canadian Triage and Acuity Scale (CTAS)	An Investigation of Non-Native Speakers' Comprehension of Conceptual Metaphors in the Interpretation of Poetry	Review previous studies of machine learning techniques to analyze road traffic accidents in different countries	“Dynamic Modeling of Clean and Fossil Energy Indexes Correlations: Evidence from Generalized Autoregressive Score (GAS) Time-Varying Copulas Analysis.”	المسؤولية الجنائية لاستخدام تقنيات الذكاء الاصطناعي في جرائم الحرب - دراسة في اطار القانون الدولي الجنائي -	The Role of Assessment in School Improvement: How school leaders in Bahrain use assessment data to drive decision-making and school improvement.
	Abdulaziz Abdulrazzaq Halawani	Maha Mohammed Ali Naeema Salah Alazemi Sara Jaffar Almesaideen	Nasreen Sayed Maki Hasan Abdulla Husain	Qassim Abdulshaheed, Yusuf Ahmed, Sayed Mohamed, Ali Hasan, Fatima Mohamed, Rasha Eweida	Mujtaba Ali Salman Ali, Ali Mohamed Abdulla, Mosa Ahmed Mahdi Albazaz	Maryam Khaled Adwan	Salman Bader Abdulla Alhaddad	Ebrahim Sohrab	حصه حمود مساعد النوفيف	Hasan Husain Ali Abdulnabi
	Developed Research	Developed Research	Preliminary Research	Preliminary Research	Developed Research	Preliminary Research	Published Research	Published Research	Preliminary Research	Preliminary Research



	SESSION R1-4	SESSION R2-4	SESSION R3A-4	SESSION R3B-4	SESSION R3C-4	SESSION R4-4	SESSION R5-4	SESSION R6-4	SESSION R7-4	SESSION R8-4
6:00-6:15	Design of Continuous Beam Couplings using Experimental data Calibration for FEA and machine learning	Development and evaluation of a reference architecture for an integrated Blockchain based transaction processing system	Ventilator Associated Pneumonia (VAP) and Preventive Strategies: Assessing Nurses' Knowledge and Practice in Emergency Department at Government Hospital	Knowledge and Attitude of Intensive Care Nurses Toward Physical Restrain in an Adult Intensive Care Unit	Critical Care Nurses Perception, and Attitudes Regarding Using Artificial Intelligence in Clinical Nursing Practice at Intensive Care Unit in Government Hospitals, Bahrain	An Investigation of Attitudes about Autism in Social Media: A Critical Discourse Analysis	Integrating Environmental Sustainability into Technical and Vocational Education and Training (TVET): Frameworks, Practices, and Global Insights	A Machine Learning Techniques for Optimizing Sustainable HRM Toward Enhanced Organizational Performance: An Explainable AI Approach	أتمتة العقود: دراسة لدور التقدم التكنولوجي في تطوير نظرية العقد	An Examination of Pre-Service Teachers' Environmental Knowledge, Pedagogical Skills, and Social Responsibility Towards the Environment at Bahrain Teachers College
	Husain Adel A.Aziz Meshaima	Sawsan Abdulhussain Hamza Andulkarim	Husain Yusuf Ahmed Ali, Zainab Hasan Ali Alasheeri, Kawther Shaker Jaffar Alawi Naser Alalawi, Joseph Jeganathan	Hasan Ali Ahmed, Hussain Ali Ahmed, Sayed Hussain Mohammed Ali, Sayed Murtadha Isa Murtadha,	Fatema Mohammed Hassan, Anwar Mohammed Hassan, Mohamed Merza Sanad, Haider Abdulla Alsaegh	Fatema Hasan Jaafar	Layla Mohammed Jawad Al Yusuf	Mohammed Manea Ahmed	Yasir Salim	Muna Ebrahim Yusuf Mohamed
	Preliminary Research	Developed Research	Developed Research	Developed Research	Developed Research	Preliminary Research	Developed Research	Developed Research	Preliminary Research	Developed Research
	SESSION R1-5	SESSION R2-5	SESSION R3A-5	SESSION R3B-5	SESSION R3C-5	SESSION R4-5	SESSION R5-5	SESSION R6-5	SESSION R7-5	SESSION R8-6
6:15-6:30	State of The Art Detection And Analysis Of Ferroresonance In Power Networks: A Review	Rethinking deep clustering paradigms: Self-supervision is all you need	The Role of Family Presence in Weaning ICU Patients from Mechanical Ventilation	Critical Care Nurses Perception, and Attitudes Regarding Using Artificial Intelligence in Clinical Nursing Practice at Intensive Care Unit in Government Hospitals, Bahrain	Impact of Extubation Readiness Test on Re-Intubation Rates in Mechanically ventilated patients.	An Investigation of University Students' Understanding of the Relationship between Poetry and Sketches: A Reader-Response and Cognitive Linguistic Analysis	Comparative Analysis of Machine Learning Models for Anomaly Detection in IoT Networks			
	Salem Alshahrani	Amal Salem Mohamed Shaheen	Faisal Ahmed Ali, Khadija Mansoor Isa, Khadija Abdulla Abdali Ebrahim, Mohamed Jasim Murad	Fatema Mohammed Hassan, Anwar Mohammed Hassan, Mohamed Merza Sanad, Haider Abdulla Alsaegh	Maryam Isa Sowaid, Ahmed Saleh, Alyaa Alshaikh, Khadija Abdulla Almalek	Fatema Sadiq Mayoof	Naeema Salah Alazemi, Sara Jaffar Almesaideen, Maha Mohammed Ali			
	Preliminary Research	Published Research	Preliminary Research	Developed Research	Developed Research	Preliminary Research	Developed Research			
	SESSION R1-6	SESSION R2-6	SESSION R3A-6	SESSION R3B-6	SESSION R3C-6	SESSION R4-6	SESSION R5-6	SESSION R6-6	SESSION R7-6	SESSION R8-6
6:30-6:45	Optimum Design of Concrete Filled Steel Tube Pedestrian Bridge using Artificial Bee Colony algorithm		Knowledge and Compliance with Central Line-Associated Bloodstream Infections Prevention Among ICU Nurses in Bahrain	Empowering Emergency Nurses: The effect of LUCAS training on nurses' skills and knowledge	The relationship between ICU nurses' knowledge, attitudes, and compliance with the CLABSI prevention bundle in government hospitals in Bahrain	The Application of Labov's Narrative Model in "Books-tagram Reels": A Case Study of Lana Medawar	Innovative Design Approaches to Enhance Outdoor Thermal Comfort Through Passive Cooling Strategies in Bahrain's Residential Microclimates			
	Abdallah Mazen Al Faoury		Fatima Jafar Adam, Fatima Mohammed F. Bidew, Jehad Hasan Isa Alsebea, Zahraa Sayed Hadi Almahari	Azhar Mohammed Duaa Sharaf	Fatema Taher A.Karim, Shaima Ebrahim Almutawa, Eman Sayed Hussain Alawi, Eman Rashid Alblushi	Rouya Majid Nasiri	Samar Mohamed Mahdi Aleskafi			
	Preliminary Research		Preliminary Research	Developed Research	Developed Research	Preliminary Research	Preliminary Research			



6:45-7:00

Prayer and Coffee Break

SESSION R1-7

SESSION R2-7

SESSION R3A-7

SESSION R3B-7

SESSION R3C-7

SESSION R4-7

SESSION R5-7

SESSION R6-7

SESSION R7-7

SESSION R8-7

7:00-7:15

Towards Greener Campuses: Assessing Pro-Environmental Behaviours in the University of Bahrain Campus

Noor Saleh Alalawi

Published Research

"Self efficacy, emotional intelligence and clinical core competency among primary health care nurses"

Yaqeen Nader Hasan Naser

Developed Research

To what Extent do the Sequential Organ Failure Assessment Tool is Effective in Early Detecting Sepsis Among Patients in Accident and Emergency Department in Government Hospitals

Ahmed Hasan Alwazeer
Mariam Naji Alabbad
Seddiqa Ahmed Fardan

Developed Research

Effect of utilizing safety strategies at hemodialysis unit to improve patients outcomes in the kingdom of bahrain

Fatima Mohamed Habib

Published Research

Keynote Speaker

Maryam Khaled Adwan

Comparison Analysis of Machine Learning Models for Identification of Pesticide Residue

Masooma Abbas Alghawas

Published Research

SESSION R1-8

SESSION R2-8

SESSION R3A-8

SESSION R3B-8

SESSION R3C-8

SESSION R4-8

SESSION R5-8

SESSION R6-8

SESSION R7-8

SESSION R8-8

7:15-7:30

Optimum Design of 3D reinforced concrete frame with FRP Reinforcement Bars

Husain Ali Ebrahim

Preliminary Research

Implementation of Ventilator-Associated Pneumonia Prevention Bundle among ICU Nurses in Salmaniya Medical Complex, Bahrain: A Quasi-Experimental Study

Zainab Mohamed Ali Alaswad

Published Research

DO Continuous CPR Training Program Essential for nurses in Primary HealthCare Centres in Kingdom Of Bahrain?

Alaa Mohammed Abdulla,
Hussain Mohammed
Alsaffar, Zahra Ahmed Isa

Developed Research

An Exploratory Qualitative Study of Oncology Nurses' Experience in Providing Care for Terminally Ill Patients in Salmaniya Medical Complex in Bahrain

Layla Salman Turki Salman Matrook

Published Research

A Linguistic Exploration of the Environmental, Cultural and Demographic Influence on the Names of Bahraini Gold Jewellery

Rouya Majid Nasiri

Developed Research

SESSION R1-9

SESSION R2-9

SESSION R3A-9

SESSION R3B-9

SESSION R3C-9

SESSION R4-9

SESSION R5-4

SESSION R6-9

SESSION R7-9

SESSION R8-9

7:30-7:45

Optimization of FRP Retrofitting schemes for Structurally Deficient Multi-story Building

Ali Juma Jaafar Ismaeel Ghazwan

Preliminary Research

Optimizing Sepsis Management: A Nurse-Led Integration of SOFA and APACHE II to Improve Clinical Outcomes in Critically Ill Patients

Ali Abdulhadi Albanna,
Jaafar Mohamed
Alshaghul,
Ahmed Yusuf Ahmed Ali

Preliminary Research

Association between Kinesiophobia, Self-Management Behaviors, and Fatigue in Patients with Coronary Artery Disease

Adel Hussain Mufleh
Alyaseen, Magda
Mohamed Bayoumi,
Ahmed Hashem
El-Monshed

Developed Research

Shift Changes' Effects on Sleep Quality and Work Performance among Nurses Working in Bahrain's Intensive Care Units

Fatema Ateya Mohamed
Ali Nass Alaradi

Published Research

فعالية برنامج إرشادي قائم على النظرية الواقعية في تحسين الوعي بالذات والطمأنينة النفسية لدى الطلبة الأيتام الموهوبين

Dr. Qoot Abdulla Saleh

Published Research



	SESSION R1-10	SESSION R2-10	SESSION R3A-10	SESSION R3B-10	SESSION R3C-10	SESSION R4-10	SESSION R5-10	SESSION R6-10	SESSION R7-10	SESSION R8--10
7:45-8:00						فاعلية برنامج إرشادي باستخدام العلاج بالرسم لخفض بعض المظاهر الانفعالية السلبية لدى الأبناء بملكة البحرين Marah Suleiman Mustafa Developed Research				