



University of Bahrain

The University of Bahrain Undergraduate Research and Innovation Conference 2025

26 February 2025



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



Introduction

The Undergraduate Research and Innovation Conference is an initiative that aims to promote scientific research and innovation among undergraduate students. It seeks to create a platform for undergraduate students to showcase their research work and participate in discussions with their peers and with experts in their fields of specialization. This initiative is designed to encourage students to pursue research and innovation and to promote cooperation, communication, and the sharing of ideas among students from the colleges of the University of Bahrain and other educational institutions, such as other local universities, to enhance the culture of scientific research and innovation for undergraduate students from all disciplines, including Science, Technology, Engineering, and Mathematics (STEM), Social Sciences, and Humanities. Participants in the conference are encouraged to present research papers and presentations on a wide range of topics, including but not limited to biotechnology, energy, environment, health, and social innovation. Through this conference, students can develop their research skills, learn about new ideas and perspectives, and build relationships with peers, mentors, and experts in the field from various sectors. This, in turn, contributes to the development of a new generation of innovators who will assist in advancing scientific knowledge and the sustainability of the dissemination of scientific research culture among students in their early university years.

Tracks of the Conference

The conference is divided into 9 tracks that cover all the main disciplines at the University of Bahrain

Each track will have a specific title that reflects the topics that will be covered in that track. The following are suggested titles for each track:

01

Engineering track

Innovative engineering solutions and built environments for a sustainable future

2

Science track

Exploring the frontiers of science for the benefit of humanity

3

Information Technology track

ICT for innovation & productivity that applies across industries

4

Business track

Business innovation and current issues in Business

5

Arts track

Empower diverse fields with innovative legal tools for a just and equitable society

6

Legal track

Empower diverse fields with innovative legal tools for a just and equitable society

7

Health & Sports Sciences track

Empowering future, advancing health and sport through scientific research and innovation

8

Applied Studies track

Applied research for real-world impact

9

Bahrain Teachers' College track

Innovative teaching and learning for a better future

Conference Chairperson



Conference Chairperson
President of University of Bahrain

Steering Committee



Dr. Mohamed R. Qader



Prof. Mohammad El-Hilo



Dr. Haifa Al-Khalifa



Dr. Athraa Al-Mosawi



Dr. Abdul Aziz Bulela



Dr. Salah Ahmed



Dr. Hessa Al-Junaid



Dr. Leena Khonji



Dr. Mohamed Baqer



Dr. Abdulla Al-Jalahma



Dr. Lucy Bailey

Keynote Speakers



Prof. Salwa Elekabi

Education and Training Quality
Authority (BQA)

Prof. Salwa Youssef Elekyabi has served as an Academic Advisor at the Education and Training Quality Authority (BQA) since 2016, and as a Legal Advisor for the BQA from 2015 to 2023. She is a Professor of Public International Law, who started her academic career in 2005 at Benha University, Egypt. Between 2013 and 2016, she was a faculty member at the University of Bahrain, where she taught undergraduate and postgraduate courses in Public International Law, International Human Rights Law, International Humanitarian Law, and International Criminal Law.

Prof. Elekyabi earned her Bachelor of Law (with honors, first class) in 2003 from Benha University, Egypt. She further obtained a Master of Law in 2005 and a Ph.D. in International Law in 2010 from Zagazig University, Egypt. She is also an alumna of the Fulbright Program, having completed it in 2009.



Dr. Laeeq Razzak Janjua

COMPLIANCE OFFICE
TMF Group - Poland
Teaching Assistance - Lecturer
WSB University Poland

Laeq Razzak Janjua – Phd is a finance professional working in a, compliance, and academia, whose journey is characterized by dedication, expertise, and a commitment to excellence.

Laeq Razzak Janjua’s academic prowess is reflected in his extensive body of work, which includes the publication of a book on corporate social responsibility as co-author and over 40 academic research papers. These contributions have solidified his reputation as a thought leader and a respected authority in his field, earning him recognition and acclaim from peers and scholars alike. Currently serving as a Compliance Officer at TMF Group, Laeeq Razzak Janjua brings a wealth of experience and expertise to his role, where he navigates the complex landscape of regulatory requirements with precision and proficiency.

In addition to his role at TMF Group, Laeeq Razzak Janjua also serves as a lecturer at WSB University in Poland, where he imparts his knowledge and insights to the next generation of professionals. Prior to his current roles, Laeeq Razzak Janjua amassed over 10 years of invaluable experience in the financial industry, having worked with esteemed institutions such as Citi Bank, MoneyGram Payment International, and BNP Paribas. Driven by a passion for excellence and a dedication to making a positive impact, Laeeq Razzak Janjua continues to be a guiding force in the fields of compliance and academia. His unwavering commitment to integrity, coupled with his extensive knowledge and experience, positions him as a leader and a trailblazer in his field, shaping the future of compliance and corporate social responsibility.

Organizing Committee



Chair: Dr. Hayat Abdulla Yusuf

- **Prof. Ahmed Mohamed Wais**, College of Arts.
- **Prof. Adnan Bekhit**, College of Health & Sports Sciences.
- **Prof. Ayman Helmy Kamel**, College of Science.
- **Prof. Mohab Abdelhameed Mangoud**, College of Engineering.
- **Dr. Faten Saad Mahmoud**, Bahrain for Teachers College.
- **Dr. Gokhan Bora Aktan**, College of Business.
- **Dr. Amel Kamel Abdallah**, College of Law.
- **Dr. Reham Almesaeed**, College of Information Technology.
- **Dr. Wedad Mohamed Aljowder**, College of Applied Studies

Publication Committee



Chair: Dr. Abdulla Alqadomi

- **Dr. Osama Elsaid Omar**, College of Engineering, University of Bahrain.
- **Dr. Osama Mahdi Almahdi**, Bahrain Teachers College, University of Bahrain.
- **Dr. Dana Abdulla Abdulrahim**, College of Arts, University of Bahrain.
- **Dr. Asokan Govindaraj Vaithinathan**, Health and Sport Sciences, University of Bahrain.
- **Dr. Zohour Ibrahim Rashwan**, College of Health and Sport Sciences, University of Bahrain.
- **Dr. Majeed Jassim Safar**, College of Engineering, University of Bahrain.
- **Dr. Mohamed Rizwan**, College of Engineering, University of Bahrain.
- **Dr. Sabri Mohammed Mrayed**, College of Engineering, University of Bahrain.
- **Dr. El haysam Omar Selim**, College of Law, University of Bahrain.
- **Dr. Noora Mohamed Alshamlan**, College of Law, University of Bahrain.
- **Dr. Mourad Messaadia**, College of Business, University of Bahrain.
- **Dr. Usman Bashir**, College of Business, University of Bahrain.
- **Dr. Javed Iqbal**, College of Science, University of Bahrain.
- **Dr. Afnan Freije**, College of Science, University of Bahrain.
- **Dr. Dheya Abdulla Al Kaabi**, College of Arts, University of Bahrain.
- **Dr. Muhammad Nauman Zahid**, College of Science, University of Bahrain.
- **Dr. Fuad Ahmad Musleh**, College of Engineering, University of Bahrain.

Scientific Committee



Chair: Dr. Salwa Saleh Baserrah

- **Dr. Wafa Hasan Almadani**, College of Applied Studies, University of Bahrain.
- **Dr. Hasan Mohsin Al Wadi**, Bahrain Teachers College, University of Bahrain.
- **Mrs. Sherry Nasralla Tawfiq**, College of Health and Sport Sciences, University of Bahrain.
- **Dr. Inaam Majeed George**, College of Health and Sport Sciences, University of Bahrain, Bahrain.
- **Dr. Said Ghani Khan**, College of Engineering, University of Bahrain
- **Dr. Abrar Mustafa Habib**, College of Engineering, University of Bahrain.
- **Dr. Osama Mohamed Omar**, College of Engineering, University of Bahrain.
- **Dr. Hanan Mohamed Almawala**, College of Law, University of Bahrain.
- **Prof. Qaiser Munir**, College of Business, University of Bahrain.
- **Dr. Khalil Ebrahim Mubarak**, College of Science, University of Bahrain.
- **Dr. Ahmed Ali Matar**, College of Science, University of Bahrain.
- **Dr. Jalal Mohamed Khalifat**, College of Information Technology, University of Bahrain.
- **Dr. Hadeel Shawkat ALObaidy**, College of Information Technology, University of Bahrain.
- **Dr. Mooza Isa Al Doy**, College of Arts, University of Bahrain.
- **Dr. Amani Sayed Moosa Alhalwachi**, College of Arts, University of Bahrain
- **Dr. Reyadh Mohammad Seyadi**, Judicial & Legal Studies Institute, Ministry of Justice, Islamic Affairs and Waqf.
- **Dr. Wael Ahmed El Moslimany**, Arabian Gulf University.



Conference Program برنامج المؤتمر

Time*	Location: Main Hall – Sh. A.Aziz Hall
9:00 - 9:30	Registration
9:30 - 9:35	Bahrain National Anthem
9:35 - 9:45	Welcome Speech by His Excellency the President of the University of Bahrain, Dr. Fuad Al-Ansari
9:45 - 9:55	Video Presentation: The Deanship of the Graduate Studies and Scientific Research
9:55 - 10:10	Keynote Speaker 1: Prof. Salwa Elekabi, Education and Training Quality Authority (BQA)
10:10 - 10:25	Keynote Speaker 2: Dr. Laeeq Razzak Janjua, WSB University Poland
10:25 - 10:40	Q & A
10:40 - 11:00	Coffee Break
11:00 - 11:10	Transfer to Parallel Sessions at Colleges
11:10 - 11:20	College's Dean Speech
11:20am - 12:45pm	<i>Parallel Session A *10 min each presentation + Chairs's discussion and feedback</i>
	Parallel Session A *10 min each presentation + Chairs's discussion and feedback
	Parallel Session A - 1: Theme: (Science-Chemistry) Session Chairs: Prof. Ayman H. Kamel; Dr. Javad Iqbal



Parallel Session A - 2: Theme: **(Education)** Session Chairs: Dr. Faten Abdel-Hameed; Dr. Osama Mahdi Al-Mahdi

Parallel Session A- 3: Theme: **(IT)** Session Chairs: Dr. Reham Almesaeed & Dr. Jalal Mohamed Khalifat

Parallel Session A- 4: Theme: **(Arts)** Session Chairs: Prof. Ahmed Mohamed Wais; Dr. Dheya Abdulla Al Kaabi

Parallel Session A- 5: Theme: **(Health-Pharmacy)** Session Chairs: Prof. Adnan A. Bekhit; Ms. Sherry Nasralla Tawfik

Parallel Session A- 6: Theme: **(Eng.-Electrical)** Session Chairs: Prof. Mohab A. Mangoud; Dr. Salwa Saleh Baserrah

Parallel Session A- 7: Theme: **(Law)** Session Chairs: Dr. Noora AlShamlan; Dr. Wafa Jasim Alwafi

Parallel Session A- 8: Theme: **(Science-Biology)** Session Chairs: Prof. Afnan Mahmood Freije; Dr. Muhammad Nauman Zahid

Parallel Session A- 9: Theme: **(Eng.-Chemical)** Session Chairs: Dr. Sabri Mrayed; Dr. Majeed Jassim Safar

Parallel Session A- 10: Theme: **(Health-Nursing)** Session Chairs: Dr. Zohour Ibrahim Rashwan; Dr. Asokan Govindaraj Vaithinathan

Parallel Session A- 11: Theme: **(Eng.-Architecture)** Session Chairs: Dr. Osama Mohamed Elsaid Omar; Mrs. Aysha Agha

Parallel Session A- 12: Theme: **(Eng.-Interior Design)** Session Chairs: Dr. Wafa Hasan Almadani; Dr. Hawra Al Shaikh

Parallel Session A - 13: Theme: **(Business)** Session Chairs: Dr. Gokhan Bora Aktan; Dr. Usman Bashir

12:45pm - 1:45pm

Launch and Prayer Break

1:45pm - 3:10pm

Parallel Session B

Parallel Session B - 1: Theme: **(Health-Pharmacy)** Session Chairs: Dr. Asokan. G.V.; Prof. Adnan A. Bekhit

Parallel Session B - 2: Theme: **(Arts)** Session Chairs: Dr. Mooza Isa AlDoy; Dr. Dheya Abdulla Al Kaabi



Parallel Session B - 3: Theme: **(Eng.-Civil Engineering)** Session Chairs: Dr. Fuad Ahmad Musleh; Dr. Abrar Mostafa Habib

Parallel Session B - 4: Theme: **(Science-Biology)** Session Chairs: Dr. Muhammad Nauman Zahid; Dr. Wael Ahmed El Moslimany

Parallel Session B - 5: Theme: **(Science-Chemistry)** Session Chairs: Dr. Tariq Mahmood; Dr. Wael Abdelkader Amer

Parallel Session B - 6: Theme: **(Eng.-Mechanical Eng.)** Session Chairs: Dr. Said Ghani Khan; Dr. Maher Mahmood

Parallel Session B - 7: Theme: **(Eng.-Chemical Eng.)** Session Chairs: Dr. Muhammed Rizwan; Dr. Ajaz Rashid

Parallel Session B - 8: Theme: **(Science-Math & Statistics)** Session Chairs: Dr. Ahmed Ali Matar; Dr. Faten Saad Mahmoud

Parallel Session B - 9: Theme: **(Eng.-Process Control)** Session Chairs: Dr. Majeed Safar Jasim; Dr. Sabri Mohammed Mrayed

Parallel Session B - 10: Theme: **(Health-Nursing)** Session Chairs: Dr. Zohour Ibrahim Rashwan; Dr. Anaam Majeed George

Parallel Session B - 11: Theme: **(Arts)** Session Chairs: Dr. Dana Abdulrahim; Dr. Amani Sayed Moosa Alhalwachi

Parallel Session B - 12: Theme: **(IT & Computer Engineering)** Session Chairs: Dr. Hadeel Shawkat AlObaidy; Dr. Jalal Mohamed Khalifat

3:10pm – 3:25pm

Break

3:25pm - 4:50pm

Parallel Session C

Parallel Session C - 1: Theme: **(Eng.- Interior Design)** Session Chairs: Dr. wafa Almadani; Dr. Reem Sultan

Parallel Session C - 2: Theme: **(Eng.-Architecture)** Session Chairs: Dr. Osmo Mohamed Omer; Dr. Manal Khalaf

Parallel Session C - 3: Theme: **(Science-Physics)** Session Chairs: Dr. Khalil Ebrahim Jasim; Dr. Hasaan Mannaa



Parallel Session C - 4: Theme: **(Science-Biology)** Session Chairs: Dr. Wael Abdelkader Amer; Dr. Muhammad Nauman Zahid

Parallel Session C - 5: Theme: **(Health-Pharmacy & Med. Lab.)** Session Chairs: Dr. Anaam Majeed George; Mrs Sherry Tawfiq

Parallel Session C - 6: Theme: **(Eng.-Architecture & Interior Design)** Session Chairs: Mrs. Aysa Agha; Dr. Wedad Mohamed Aljowder

Parallel Session C - 7: Theme: **(Arts)** Session Chairs: Dr. Dana Abdulrahim; Dr. Hasan Alwadi

4:50pm - 5:00pm

Conference Closing Remarks



Parallel Sessions Details

Parallel Session A

No.	Paper No.	Session A - 1: Theme: (Science-Chemistry)	Session Chairs: Prof. Ayman H. Kamel Dr. Javad Iqbal	11:20am-12:45pm Room: S48-02
		Title	Author	Time
1	College of Science Chemistry (6)	Preparation, characterization, and antibacterial activity of various Polymerylated divalent metal-doped MF ₂ O ₄ (M = Ni, Co, Zn) ferrites (أبحاث قيد النشر (Developed Research)	Enas Rajeh AlMatri	11:20-11:30
2	College of Science Chemistry (13-14)	Effective and rapid adsorption of Congo Red and Methylene Blue organic dyes using various tailored polymer-coated (PEG, PVP, PAA/starch) magnetic nanoparticles (أبحاث قيد النشر (Developed Research)	Kawthar Mohamed Jameel Aldamestine Hawra Ahmed Hasan Alsabbagh	11:30-11:40
3	College of Science Chemistry (34)	Preparation and characterization of polymer nanocomposite hydrogels with potential antibacterial activity (أبحاث قيد الإعداد (Preliminary Research)	Hawra Mohammed Albahhar	11:40-11:50
4	College of Science Chemistry (22)	Rational Engineering of Terminal Functional Groups in Pyrene-Based Small Molecule Hole Transport Material for Enhanced Photovoltaic Efficiency in Perovskite Solar Cells (أبحاث قيد النشر (Developed Research)	Samer Khaled Mohamed Noor Faqeehi	11:50-12:00
5	College of Science Chemistry (23)	Phenanthroimidazole derivatives as promising material for Perovskite solar cells (أبحاث قيد النشر (Developed Research)	Abrar Hussain Hameed Shehab	12:00-12:10
6	College of Science Chemistry (26)	Exploring Boron Nitride (BN) as a Promising Carrier for Entecavir in Hepatitis B Treatment (أبحاث قيد النشر (Developed Research)	Masooma Mustafa Jamsheer J.Hamza	12:10-12:20



No.	Paper No.	Session A- 2: Theme: (Education)	Session Chairs: Dr. Faten Abdel-Hameed Dr. Osama Mahdi Al-Mahdi	11:20am-12:45pm Room: S22-29
		Title	Author	Time
1	Bahrain Teachers College (207)	Group Work Challenges (Preliminary Research أبحاث قيد الإعداد)	Maha Saleh Mohamed Marwah Amin Albalooshi Kawthar Jaafar Asma Saleh Alia A.rahman	11:20-11:30
2	Bahrain Teachers College (208)	The Effectiveness of Using Manipulatives in Teaching Mathematics and Science to Primary School Students. (Preliminary Research أبحاث قيد الإعداد)	Mohammed Abdulhameed Mustafa Majed Sayed Ali Nasser Mohamed Nabeel	11:30-11:40
3	Bahrain Teachers College (209)	The Impact of Extracurricular Activities on Bahrain Teachers College Students' Social Skills. (Preliminary Research أبحاث قيد الإعداد)	Jumana Alaradi Huda Abdulwahed Abdulla Taresh Fadak Ali Abrar Jalal Noora Ismail	11:40-11:50
4	Bahrain Teachers College (210)	Identifying Social and Emotional Challenges of Gifted Students: Perspectives from Educators and Specialists. (Preliminary Research أبحاث قيد الإعداد)	Fatema Reyadh Ahmed Khadija Habib Hasan Afaf Jaafar Jawad Eman Fadhel Taresh Zahra Adel Salem	11:50-12:00
5	Bahrain Teachers College (211)	The perception of higher education students on the use of AI to improve writing skills. (Preliminary Research أبحاث قيد الإعداد)	Dana Hasan Hajirah Mohammed Maryam Riyadh Zainab Abdulameer	12:00-12:10
6	Bahrain Teachers College (212)	How does integrating autistic students in regular classrooms affect their social skills? (Preliminary Research أبحاث قيد الإعداد)	Jinan Abdulfattah Mohammed Sara Mohamed Ahmed Nawal Mohammed SALEH Mohamed Ali Isa Mohamed Obaid Mezel	12:10-12:20
7	Bahrain Teachers College (213)	The Impact of Vague Feedback on Students' Writing Performance (Preliminary Research أبحاث قيد الإعداد)	Asma Rashed Salem	12:20-12:30



No.	Paper No.	Session A- 3: Theme: (IT)	Session Chairs: Dr. Reham Almesaeed Dr. Jalal Mohamed Khalifat	11:20am-12:45pm Room: S40-1002
		Title	Author	Time
1	College of IT (56)	Bluetooth-Based Braille Keyboard (Preliminary Research أبحاث قيد الإعداد)	Mariam Adel Sadeen Mustafa	11:20-11:30
2	College of IT (119)	Reinforcing Trust: Strategies to Curb Cheating During the Pandemic (Preliminary Research أبحاث قيد الإعداد)	Jamal Mahdi Ahmed Hussain	11:30-11:40
3	College of IT (160)	QuestEd: an AI-powered gamified learning platform (Preliminary Research أبحاث قيد الإعداد)	Ali Hussain Almadhoob	11:40-11:50
4	College of IT (195)	Robot Fetch (Recently Published Research أبحاث مؤخرًا منشورة)	Yusuf Bassam Mohamed Alhamad	11:50-12:00
5	College of IT (199)	Noohkatha – Providing All Needs When it Comes to the Sea (Preliminary Research أبحاث قيد الإعداد)	Sara Jaffer Almesai Naeema Salah Saad Alazemi	12:00-12:10



No.	Paper No.	Session A- 4: Theme: (Arts)	Session Chairs: Prof. Ahmed Mohamed Wais Dr. Dheya Abdulla Al Kaabi	11:20am-12:45pm Room: S44-101
		Title	Author	Time
1	College of Arts (1)	التاريخ الدبلوماسي المشترك لدول الخليج العربي خلال العقدین الأول والثاني لتأسيس مجلس التعاون الخليجي (أبحاث قيد النشر Developed Research)	أماني أحمد صالح صالح	11:20-11:30
2	College of Arts (11)	أحكام الضرائب المالية في الفقه الاسلامي (أبحاث قيد الإعداد Preliminary Research)	ريم حسن مرزوق	11:30-11:40
3	College of Art-Islam/ History (197)	شرع من قبلنا - سورة يوسف أمودجا .	ريم محمد هاشم احمد	11:40-11:50



No.	Paper No.	Session A- 5: Theme: (Health-Pharmacy)	Session Chairs: Prof. Adnan A. Bekhit Ms. Sherry Nasralla Tawfik	11:20am-12:45pm Room: S40-1009
		Title	Author	Time
1	College of Health-Pharmacy (7)	Screening the antimicrobial activity of the Antileishmanial spiro heterocycles bearing Piperidine moiety (Developed Research (أبحاث قيد النشر))	Marawan Meady	11:20-11:30
2	College of Health-Pharmacy (8)	Evaluation of the Antibacterial Activity of Corchorus Olororius Leaves Extract and its Synergistic Effect with Ciprofloxacin (Preliminary Research (أبحاث قيد الإعداد))	Yamama Awadh	11:30-11:40
3	College of Health-Pharmacy(12)	In vitro Antimicrobial Potential of Nerium oleander Linn Flower Extract Obtained from Bahrain Against Selected Foodborne Pathogens Associated with Gastroenteritis (Developed Research (أبحاث قيد النشر))	Abdulaziz Ashraf Abdulaziz Ahmed Alansari	11:40-11:50
4	College of Health-Pharmacy (15)	Prevalence, Attitude and Practice of Herbal Medicine in Bahrain (Recently Published Research (أبحاث مؤخرًا منشورة))	Abdelrahman Naser	11:50-12:00
5	College of Health-Pharmacy (27-28)	Prevalence of the use of Makeup Testers at point of sale and its health hazards (Preliminary Research (أبحاث قيد الإعداد))	Rana reda ali abdelaziz othman Salah Nasser M. Abdelal	12:10-12:20



No.	Paper No.	Session A- 6: Theme: (Eng.-Electrical)	Session Chairs: Prof. Mohab A. Mangoud Dr. Salwa Saleh Baserrah	11:20am-12:45pm Room: S45-101
		Title	Author	Time
1	College of Engineering-Electrical (19)	Design of a Segway Using Arduino	Ayman Mohamed Husain Salman	11:20-11:30
2	College of Engineering-Electrical(20)	Utilization Of Waste Heat Using Thermoelectric Generators (TEG)	رياب حسن عيسى سلمان داود هدى عيسى حسين عبدالله طراد	11:30-11:40
3	College of Engineering-Electrical (51)	Three-Phase Induction Motor Noise Analysis and Fault Detection	Salman Mohammed Zainab hashem Zainab almatrook	11:40-11:50
4	College of Engineering-Electrical (67)	Optimizing Water Usage in Agriculture: A Study on Automated Irrigation Systems Using Humidity Sensors and Arduino Uno	Mohammad Mahdi	11:50-12:00
5	College of Engineering-Electrical (75)	Health monitoring using AI	Saad Alhuwaihi	12:00-12:10
6	College of Eng.Elec./ Electronics/Mobile (94)	Implementation of Pico Hydro Turbine (PHT) System in Oman Falaj Units Integrated with IoT Technology	Atheer Ahmed Al Toobi	12:10-12:20
7	College of Eng.Elec./ Electronics/Mobile (145)	GLOVOSESSION CHAIRS: Gesture-Controlled Wireless WheelSession Chairs for Elderly and Disabled	Zahra Mohamed Alaradi Sara Khalid Abdulmalek Manar Hasan Radhi	12:20-12:30



No.	Paper No.	Session A- 7: Theme: (Law)	Session Chairs: Dr. Noora AlShamlan Dr. Wafa Jasim Alwafi	11:20am-12:45pm Room: S39-19
		Title	Author	Time
1	College of Law (157)	المسؤولية الجنائية في القتل الخطأ	Latifa Hasan Sabt	11:20-11:30
2	College of Law (158)	حماية الطفل من الاستغلال الجنسي والابتزاز الإلكتروني	مريم جاسم أحمد الخضران	11:30-11:40
3	College of Law (200)	التنظيم القانوني لتسوية منازعات الاستثمار في مملكة البحرين، دراسة مقارنة	أمنه محمد الجناحي	11:40-11:50
4	College of Law (183)	دور البصمة الوراثية في الإثبات الجنائي DNA	مروة جاسم أحمد حماد	11:50-12:00



No.	Paper No.	Session A- 8: Theme: (Science-Biology)	Session Chairs: Prof. Afnan Mahmood Freije Dr. Muhammad Nauman Zahid	11:20am-12:45pm Room: S48-04
		Title	Author	Time
1	College of Science Biology (10)	Evaluating the nutritional and sociodemographic factors associated with obesity among adult Bahraini women	Hajar Nasser Mohammed Siddiq Abdulkhaliq Mohammed	11:20-11:30
2	College of Science Biology (18)	Evaluating Antimicrobial Activity of Indigenous Marine Algae in Bahrain	Afaf Isa Alsairafi	11:30-11:40
3	College of Science Biology (21)	Bioremediation of Hydrocarbon Contaminated Water Using Ferric Enriched Date Palm Biochar	Fatema Khalil Ebrahim	11:40-11:50
4	College of Science Biology (46-50)	Forensic DNA Profiling from Hair Samples: A Crucial Link in a Criminal Investigation	Shooq Saad Saad Saqer	11:50-12:00
5	College of Science Biology (49)	Bio-priming of Quinoa Seeds by Plant Growth—Promoting Rhizobacteria under Salt Stress	Maryam Mohamed Yusuf Alheddi	12:00-12:10



No.	Paper No.	Session A- 9: Theme: (Eng.-Chemical)	Session Chairs: Dr. Sabri Mrayed Dr. Majeed Jassim Safar	11:20am-12:45pm Room: S45-07
		Title	Author	Time
1	College of Engineering-Chemical (41)	Dye degradation and anti-bacterial properties of green synthesized Zn doped CuFe ₂ O ₄	Maryam Hasan Sayah	11:20-11:30
2	College of Engineering-Chemical (43)	Computer-Aided Design of Seawater RO Systems for Water Security and Sustainability: Integrating Hybrid Renewable Energy Solutions	Jamal Nawaf A.Khiss	11:30-11:40
3	College of Engineering-Chemical (85)	Modeling and Simulation for a Direct Air Carbon Capture Plant Utilizing NaOH Solution	Husain Majeed Ali Mahmood Bader Jameel Ali Ahmed AbuInnabi	11:40-11:50
4	College of Engineering-Chemical (99)	Modeling and Optimization of Rhhamnolipids Biosurfactant Production from Pseudomonas aeruginosa MYSAG	Hussain Adel Safar Elias Ahmed Alsaai Israa Mohamed Alhammar	11:50-12:00
5	Industrial Engineering (164)	Designing an Optimal Preventive Maintenance Plan for Pump Systems in a Urea Plant Using NSGA-II	Isa Waleed Alnoaimi	12:00-12:10
6	Industrial Engineering (165)	Iron Oxide-Based Capture: A Sustainability-Focused Environmental and Economic Evaluation in Oil and Gas Plants : A Case study	Alzain Alqasimi Amna Mohamed Reem Alshoroogi	12:10-12:20



No.	Paper No.	Session A- 10: Theme: (Health-Nursing)	Session Chairs: Dr. Zohour Ibrahim Rashwan Dr. Asokan Govindaraj Vaithinathan	11:20am-12:45pm Room: S40-2007
		Title	Author	Time
1	College of Health-Nursing (101)	Internalized stigma and self-compassion among mothers of children with attention deficit hyperactivity disorder: the role of social support in Kingdom of Bahrain	Fatima Khalil Ebrahim Mohsen Hiba Hameed Mohamed	11:20-11:30
2	College of Health-Nursing (102)	Children Spend Too Much Time Online: Impact of Internet Addiction on Children's Autonomy, Responsiveness, Empathy, Motor and Emotional Regulation	Ayah Adel Jaafar Alaraibi	11:30-11:40
3	College of Health-Nursing (103)	Communication Skills among Children with Autistic Spectrum Disorder in the Kingdom of Bahrain: Impact of Early versus Late Detection and Intervention	Asma Nasr Ahmed Saeed	11:40-11:50
4	College of Health-Nursing (104)	Non-Insulin-Dependent Diabetes Mellitus in the Kingdom of Bahrain: Exploring Knowledge, Beliefs, and Attitudes	Amira Akbar Yusuf Dahneem	11:50-12:00
5	College of Health-Nursing (107)	Work-Related Musculoskeletal pain: Correlation between compassion satisfaction, Burn Out and secondary Traumatic Stress Among Nurses Working at Critical Care Units in Kingdom of Bahrain	Adnan Noor Bakhsh Murad	12:00-12:10
6	College of Health-Nursing (108)	More Than Just Losing Weight: Mediating Role Between Satisfaction with Body Image, Perceived Psychological Status, and Quality of Life among Individuals Underwent Bariatric Surgeries	Duaa Sayed Taher Saeed Afnan Aqeel	12:10-12:20
7	College of Health- Nursing (121)	"Are Nurses Facing Barriers That Affect Compliance with Surgical Site Infection Prevention Guidelines in Governmental Hospitals?"	Aayat Almuwali Zainab Eid Fatema Abbas Monajat Kadhem Zainab Mohamed Fatima Abdulla	12:20-12:30



No.	Paper No.	Session A- 11: Theme: (Eng.-Architecture)	Session Chairs: Dr. Osama Mohamed Elsaid Omar Mrs. Aysha Agha	11:20-12:45 Room: S45-06
		Title	Author	Time
1	College of Engineering-Architecture (154)	Recognizing Bahraini Writers: Enriching Appreciation for Literary Heritage	Zahida Majeed Mohsen Alasfoor	11:20-11:30
2	College of Engineering-Architecture (155)	Memory Restoration by Reviving the Auditory Culture in Bahrain	Afaf Mansoor Ahmed Mansoor	11:30-11:40
3	College of Engineering-Architecture (120)	Elevating Bahrain Agriculture Through Algae Facility	Aysha Mustafa Alabbasi	11:40-11:50
4	College of Engineering-Architecture (169)	REIMAGINING URBAN CONNECTIVITY: A SUSTAINABLE TRANSPORT HUB FOR BAHRAIN	Ruzbih Basheer	11:50-12:00
5	College of Engineering-Architecture (176)	Cultural center	Zainab Fadhel Ali Alqaidoom	12:00-12:10
6	collage of engineering	Restoring the forgotten. interactive cultural musuem- architecture and interior design	mariam jaffer - israa nader -mariam mohammed - zainab fathi	12:10-12:20



No.	Paper No.	Session A- 12: Theme: (Eng.-Interior Design)	Session Chairs: Dr. Wafa Hasan Almadani Dr. Hawra Al Shaikh	11:20am-12:45pm Room: S45-11
		Title	Author	Time
1	College of Engineering-Interior design (79-124)	Engineering Design and Resilience: Towards an Affordable Housing Alternative for Climate Refugees	Raghad heilam Razeena Junaid	11:20-11:30
2	College of Eng.-Interior design (142-151)	Design for All: Application of Universal Design Principles in Residential and Educational Environments in Bahrain	Nawraa Zuhair Isa Abdulla Maryam Mohammed Alqassab Zainab Ahmed Alhayki Fatima Mahdi Hamada Sandra Job	11:30-11:40
3	College of Engineering-Interior design (171)	Reviving Arabic Hospitality: Design Guidelines for Integrating Cultural Centers with Boutique Hotels through a Qualitative Approach	Rama Ayman Haneen Sami Majd Hussain	11:40-11:50
4	College of Engineering-Interior design (172)	Museums in the Digital Age	Marwa khalil ahmed Hajar Mohamed Ali Aisha Mohame	11:50-12:00
5	College of Engineering-Interior design (173)	Designing Holistic Wellness Resorts: Guidelines for Healing Spaces	sharifa qaheri	12:00-12:10



No.	Paper No.	Session A- 13: Theme: (Business)	Session Chairs: Dr. Gokhan Bora Aktan Dr. Usman Bashir	11:20am-12:45pm Room: S40-2010
		Title	Author	Time
1	Business (150)	The Scandal of Wells Fargo Bank	Manar Sadeq Ali Salman Isa	11:20-11:30
2	Business (203)	The role of robo advisors in modern portfolio management	Fatima Moosa Ebrahim Mariam Isa Yaqoob Sumathi Kumaraswamy	11:30-11:40



No.	Paper No.	Session B- 1: Theme: (Health-Pharmacy)	Session Chairs: Dr. Asokan. G.V. Prof. Adnan A. Bekhit	1:45pm - 3:10pm Room: S40-2010
		Title	Author	Time
1	College of Health-Pharmacy (28-29)	Impact of Pharmacist's Workload and Stress on Quality of Pharmacy Students' Training	Abrar Abbas Hasan Alqaidoom Hawra Abdulhussain Ahmed Zainab mohamed ali alshofa Ali Mahdi Hasan Fatema Mohamed Abdurassool Dr. Mustafa E. Omer Mr. Omar Alsamani	1:45-1:55
2	College of Health-Pharmacy (31)	Investigating prescribing patterns between IV Meropenem and Piperacillin-Tazobactam	Maryam Jawad Alaraibi	1:55-2:05
3	College of Health-Pharmacy (32)	Studying the Influence of Education amongst Pharmacy Students in the College of Health and Sports Sciences	Haya Sayed Mohamed AlAlawi	2:05-2:15
4	College of Health-Pharmacy (33-39)	Awareness and Knowledge of pharmacists on the Off-label Use of selected Medications in the Kingdom of Bahrain.	Hanin Nader Taher Humid	2:15-2:25
5	College of Health-Pharmacy (47)	Prevalence of Migraine and its clinical features in Kingdom of Bahrain	Fatema Salman Abdulla Rokaya Moner Abdelrahman Moustafa Imad Mohammed	2:25-2:35
6	College of Health-Pharmacy (48)	Evaluation of the Antibacterial Effect of Salvia Officinalis Essential Oil and its Synergistic Effect with Meropenem	Ashraf Sulaiman	2:35-2:45



No.	Paper No.	Session B- 2: Theme: (Arts)	Session Chairs: Dr. Mooza Isa AlDoy Dr. Dheya Abdulla Al Kaabi	1:45pm - 3:10pm Room: S44-104
		Title	Author	Time
1	College of Art (68)	Verses of Recovery: How Poetry Aids in Healing Trauma	Manar Mahmood Yusuf Alhejazi	1:45-1:55
2	College of Art (89)	الإلحاد المعاصر جذوره النفسية وأثاره في ضوء القرآن الكريم	Osama Ismaeel Hasan Alnahham	1:55-2:05
3	College of Art (127)	تأخير الدراسة خارج البحرين على الهوية الفنية للفنانين البحرينيين	علياء جعفر أحمد سارة إبراهيم يحيى سارة جاسم الإسكافي زهراء السيد شرف	2:05-2:15
4	College of Art (68)	التكيف الثقافي في التصاميم وكيف يمكن للدكاء الاصطناعي فهم السياق الثقافي الخليجي.	أماني أحمد صالح الشايب زينب سمير أحمد فاطمة علي احمد كريم خلدون اليوسف	2:15-2:25



No.	Paper No.	Session B- 3: Theme: (Eng.-Civil Engineering)	Session Chairs: Dr. Fuad Ahmad Musleh Dr. Abrar Mostafa Habib	1:45pm - 3:10pm Room: S45-101
		Title	Author	Time
1	College of Engineering-Civil Eng. (152)	Design Of Multi-Model Urbanmobility System For Seef District	Shooq Khaled Alshawoosh Talal Mohamed Salman	1:45-1:55
2	College of Engineering-Civil Eng. (161)	Sustainable Low-Cost Reinforced Concrete for mid-rise Building Design in the GCC	Maya Elnaggar	1:55-2:05
3	College of Engineering-Civil Eng. (166)	GFRP Reinforcement as a Sustainable Alternative to Steel Corrosion	Lujain Abu Sarhan Farah Alghatam Alhanoof Alsulaiti	2:05-2:15



No.	Paper No.	Session B- 4: Theme: (Science-Biology)	Session Chairs: Dr. Muhammad Nauman Zahid Dr. Wael Ahmed El Moslimany	1:45pm - 3:10pm Room: S48-03
		Title	Author	Time
1	College of Science-Biology (62)	Determination of Antioxidants, Fatty acid and Mineral Contents of Cherry Tomatoes (<i>Solanum lycopersicum</i> var. <i>cerasiforme</i>) Grown in the Kingdom of Bahrain	Neda Muslem Almubarak	1:45-1:55
2	College of Science-Biology (95)	Human Milk Fatty Acid Composition and Its Effect on Preterm Infants' Growth Velocity	Amina Omran	1:55-2:05
3	College of Science Biology (52)	Antibacterial Efficiency of Dipicolinic Acid and Ten Hydrazide Derivatives against Gram-Positive <i>Enterococcus faecalis</i> and Gram-Negative <i>Klebsiella pneumoniae</i> Bacterial Strains	Sandra Iskandar Iskandar	2:05-2:15



No.	Paper No.	Session B- 5: Theme: (Science-Chemistry)	Session Chairs: Dr. Tariq Mahmood Dr. Wael Abdelkader Amer	1:45pm - 3:10pm Room: S48-17
		Title	Author	Time
1	College of Science-Chemistry (38-40)	Thiourea derivatives and their metal complexes: Synthesis, characterization, and applications	Noor Zubair Mohamed Janahi Zaid Khaled Ali	1:45-1:55
2	College of Science-Chemistry (45)	Biopolymers as an Eco-Friendly Corrosion Inhibitor	Fayeda Mohammed Alhayashi	1:55-2:05
3	College of Science-Chemistry (54)	Carbon Nitride as a Potential Sensor for Persistent Organic Pollutants	Maryiam Tariq	2:05-2:15
4	College of Science-Chemistry (55)	Preparation of hydrogel beads for removal of phosphate from water	MAHMOOD MOHAMED AHMED	2:15-2:25
5	College of Science-Chemistry (64-65)	Catalytic reduction of 4-nitrophenol with silver nanoparticles deposited onto polyaniline-coated cotton textile	Ali Hamed Abdulaziz Mufeed Saeed Isa Ahmed Rashed	2:25-2:35



No.	Paper No.	Session B- 6: Theme: (Eng.-Mechanical Eng.)	Session Chairs: Dr. Said Ghani Khan Dr. Maher Mahmood	1:45pm - 3:10pm Room: S45-07
		Title	Author	Time
1	College of Engineering-Mechanical (77)	Modeling and Thermal Performance Analysis of Serpentine and Spiral Tube Solar Collectors	Alaa Nabeel Mohsen Husain	1:45-1:55
2	College of Engineering-Mechanical (106)	Converting Plastic Waste into Electricity Using Solar Gasification Technique	Sulaiman Mudather Othman Alhasan Fadhialla	1:55-2:05
3	College of Engineering-Mechanical (114)	Simulation on Steady Airflow (ANSYS-Fluent) in Duct with Two Elliptic Objects	Abuthar Mohamed Jasim	2:05-2:15
4	College of Engineering-Mechanical (115)	Design and Fabrication of Hybrid Energy Harvester	Hasan Amer Yusuf Zulaikh Mustafa Ammar Al-Sammarraee Furat Ali Al-Haddad	2:15-2:25
5	College of Engineering-Mechanical (143)	Anaerobic Digestion of Sewage Sludge	Abdulla Nasser Ameen	2:25-2:35
6	College of Engineering-Mechanical (147-148)	Designing and manufacturing of a laboratory system for condition monitoring of shaft misalignment	Faris Jaafar Ebrahim Alsaleh Ali Ahmed Hasan	2:35-2:45
7	College of Engineering-Mechanical (149)	Multi-Objective Design Optimization of Coronary Stent	عباس فاضل عباس زبييل	2:45-2:55



No.	Paper No.	Session B- 7: Theme: (Eng.-Chemical Eng.)	Session Chairs: Dr. Muhammed Rizwan Dr. Ajaz Rashid	1:45pm - 3:10pm Room: S45-06
		Title	Author	Time
1	College of Engineering-Chemical (133)	Optimal Production of Bacterial Cellulases and Their Application in Agro-industrial Waste Biodegradation	Rahma Merza Hasan	1:45-1:55
2	College of Engineering-Chemical (134)	Non-Oxidative Thermal Decomposition and Thermo-Kinetics Study of Mangrove Biomass for Bioenergy Production	Almaha Faisal Abdulwahab Alfaihani	1:55-2:05
3	College of Engineering-Chemical (158)	SOLUBILITY IN OILFIELDS PREDICTION USING ARTIFICIAL NEURAL NETWORKS (ANN)	Murtadha Hasan Habib Abdulaal	2:05-2:15
4	College of Engineering-Chemical (117)	Green Synthesis of Nanoparticles for Sustainable Degradation of Pesticide Contaminants in Water	Sayed Ahmed Alalawi Heba Alqassab Tayyaba Awan	2:15-2:25



No.	Paper No.	Session B- 8: Theme: (Science-Math & Statistics)	Session Chairs: Dr. Ahmed Ali Matar Dr. Faten Saad Mahmoud	1:45pm - 3:10pm Room: S44-101
		Title	Author	Time
1	College of Science- Statistics-Math (3)	Factors Affecting Bahraini Agricultural Production	Sakina Merza Hasan Mansoor	1:45-1:55
2	College of Science- Statistics-Math (4)	Barrick Gold Corporation Stock Data Analysis using ARIMA Model	Russel Ali Hasan Ahmed	1:55-2:05
3	College of Science- Statistics-Math (5)	A Statistical Approach for Medical Insurance Premium Prediction	Aysha Rashed A.Rahman Faqeeh	2:05-2:15
4	College of Science- Statistics-Math (17)	Solvability of polynomials by radicals	Hussain Abduljalil Mohammed Abdulla	2:15-2:25
5	College of Science- Statistics-Math (42)	Machine Learning in Fraud Detection: A Comparative Study of Logistic Regression and XGBoost	Yaqeen Mansoor Abdulla ALSari	2:25-2:35



No.	Paper No.	Session B- 9: Theme: (Eng.-Process Control)	Session Chairs: Dr. Majeed Safar Jasim Dr. Sabri Mohammed Mrayed	1:45pm - 3:10pm Room: S45-11
		Title	Author	Time
1	College of Eng. Process /Control (57)	An Embedded Fault Detection, Isolation, And Accommodation System In A Model Predictive Controller For An Industrial Benchmark Process	Moath Ahmed Fadhel Abbas Sayed Yousif Bassam Alhamad	1:45-1:55
2	College of Eng. Process /Control (58)	The Smart Artificial Intelligent System: Enhancing Safety Evaluation And Monitoring The Health Condition Of An Oil Field Worker By Using Image Processing	Rayyan Maher Ali Ajjawi Maryam Ebrahim Aldoseri Bintu Jasson Bassam Alhamad	1:55-2:05
3	College of Eng. Process /Control (59)	Developing a Real-Time Soft Sensor for Product Composition Estimation	Rim Algendi Bassam Alhamad	2:05-2:15
4	College of Eng. Process /Control (60)	Design of a Burner Management System (BMS) for real-time control using Arduino IDE and Raspberry Pi for Thermal imaging	Maha Tariq Al-Absi Malak Hani Rashed Omar Ezzuldin Meshal Bassam Alhamad	2:15-2:25
5	College of Eng. Process /Control (109)	Water Quality Index Monitoring System Using Neuro-Fuzzy Algorithm	Omar Mohamed Abdulrahim Ahmed	2:25-2:35



No.	Paper No.	Session B- 10: Theme: (Health-Nursing)	Session Chairs: Dr. Zohour Ibrahim Rashwan Dr. Anaam Majeed George	1:45pm - 3:10pm Room: S40-2007
		Title	Author	Time
1	College of Health-Nursing (112)	Perceived Stress and Coping Mechanism among Mothers of Children with Sickle Cell Disease in Kingdom of Bahrain	Adnan Noor Abdulaziz Juma	1:45-1:55
2	College of Health-Nursing (113)	Nurses Perceptions, and Readiness to Embrace Artificial Intelligence in Clinical Practice at the Governmental Hospital in the Kingdom of Bahrain.	Abdulaziz Juma Adnan Noor Husain Haitham Husain Ali Zakia Faisal	1:55-2:05
3	College of Health-Nursing (116)	The Transformation of Health Care through Telehealth in Bahrain: Impact of Remote Consultation on Patient's Satisfaction and Medication Adherence among Patients with Sickle Cell Disease.	Ali Abdul-Naser Ayah Adel Fatema Ebrahim Ghadeer Jaffar Khalil Abdulaziz Mariam Jawad	2:05-2:15
4	College of Health-Nursing (130-132)	"Assessing Patient's Satisfaction with Nursing Care Quality: A Multi-Center Cross-Sectional Study in Hemodialysis Units"	Zahra Jawad Mariam Jaffar Isa Batool Sayed Husain Maryam Riyadh Ibrahim Zainab isa a.ghani Huda Sayed Mohamed	2:15-2:25
5	College of Health-Nursing (206)	"Chatbots are Double Swords Weapon: Nursing Students' Perception of Chat Generative Pre-Trained Transformer in Their Academic Learning	Hawra Adnan Shubbar Zainab Abdulla Hawra Adnan Zainab Sayed Husain Maryam A. Redha Zahra Jaafar	2:25-2:35



No.	Paper No.	Session B- 11: Theme: (Arts)	Session Chairs: Dr. Dana Abdulrahim Dr. Amani S. Moosa Alhalwachi	1:45pm - 3:10pm Room: S44-107
		Title	Author	Time
1	College of Arts-Design (129)	The impact of the commodification of art on the quality of artworks	Marwa Mahdi Ali Abdulla Hawra Abbas Ali Alaali Nawra Ahmed jawad Fatima Adel Radhi Duaa Jawad Alqallaf	1:45-1:55
2	College of Arts-Design (135)	From Vandalism to Vision: The Evolution of Street Art in Bahrain	Sahar Hussain Alyafai	1:55-2:05
3	College of Arts-Design (138)	Leveraging Artificial Intelligence for Cultural Adaptation in Design: Understanding the Gulf Cultural Context	Amani Ahmed Saleh Alshayeb Fatima Ali Ahmed Zainab Sameer Ahmed Kareem Khaldoun Alyousef	2:05-2:15
4	College of Arts-Design (139)	Cultural Aesthetics and Market Dynamics: Evaluating the Impact of the Integration of Bahraini Art in Fashion Design on Sales Value	روان ياسر أحمد صقر	2:15-2:25



No.	Paper No.	Session B- 12: Theme: (IT & Computer Engineering)	Session Chairs: Dr. Hadeel Shawkat AlObaidy Dr. Jalal Mohamed Khalifat	1:45pm - 3:10pm Room: S40-1002
		Title	Author	Time
1	IT & Computer Engineering (168)	A Study of Arabic Argument Mining	Yusuf Ahmed Alatawi	1:45-1:55
2	IT & Computer Engineering (175)	AMTAR (أمطار): AI Multi-sensor Tracking and Alert for Rainfall	Noor Hasan Alarab Zahra Mohammed Ali AlMudaweb	1:55-2:05
3	IT & Computer Engineering (201)	Agile Methodology role in Developing a Personalized Elderly Care Mobile Application	Maha Mohammed Ali	2:05-2:15
4	IT- Computer Science	Fazza'ah-Bridging Generations Through Mobile And Web Technology	Maha Mohammed Mushera Moqbel	2:15-2:25



No.	Paper No.	Session C- 1: Theme: (Eng.- Interior Design)	Session Chairs: Dr. Wafa Almadani Dr. Reem Sultan	3:25pm - 4:50pm Room: S45-06
		Title	Author	Time
1	College of Engineering- Interior design (177-188)	Boutique Hotel	Fatima Abdullah Abubshit Ghdeer Sayed Mariam Alarobie Bayan Zaher	3:25-3:35
2	College of Engineering- Interior design (179)	Schools of Design	Sara Ali Almajed Sara Sameer Aljadah Sara Mohammed Tarada Adoeh Murad Aljanabi Zainab Hasan Alaali	3:35-3:45
3	College of Engineering- Interior design (180)	Boutique Hotel Design	Fatima Naji Abbas Manar Naji Abbas	3:45-3:55
4	College of Engineering- Interior design (182)	Bahrain International railway station	Ghadeer Abdulla juma Fatima Mohammed	3:55-4:05



No.	Paper No.	Session C- 2: Theme: (Eng.-Architecture)	Session Chairs: Dr. Osma Mohamed Omer Dr. Manal Khalaf	3:25pm - 4:50pm Room: S45-07
		Title	Author	Time
1	College of Engineering- Architecture (178)	Rethinking the Health Structure that Supports All Children Equally	Hawra Saleh Ahmed Alsari	3:25-3:35
2	College of Engineering- Architecture (185)	The Role of Cultural Facilities in Reviving Bahrain's Pearl and Jewelry Heritage	Samana Sayed Sadeq Adnan Hashem Alwadai	3:35-3:45
3	College of Engineering- Architecture (186)	Revitalizing Tubli Bay	Safiya Abdulhadi Habib Ali Mousa	3:45-3:55
4	College of Engineering- Architecture (191)	Transportation hub in Bahrain	Zahra Abduljabbar Jawad	3:55-4:05
5	College of Engineering- Architecture (192)	TEARA Museum: Tomorrow's World Today	Maya Moosa Elzainy	4:05-4:15



No.	Paper No.	Session C- 3: Theme: (Science-Physics)	Session Chairs: Dr. Khalil Ebrahim Jasim Dr. Hasaan Mannaa	3:25pm - 4:50pm Room: S48-02
		Title	Author	Time
1	College of Science-Physics (84)	Instituting Superconducting Qubits for Scientists and Engineers	Kumail Abdulaziz Radhi	3:25-3:35
2	College of Science-Physics (86)	Investigation of Nonlinear Optical Properties of Commercial Food Coloring Dye	Hasan Abdulla Ali AlFaraj	3:35-3:45
3	College of Science-Physics (110)	The role of cation distribution on the physical characteristics of mixed Manganese-Zinc Ferrites	Yaqeen Muneer Kadhem Ahmed	3:45-3:55
4	College of Science-Physics (118)	Measurements of the Induced Optical Nonlinearity in the Marigold Flowers Using Z-scan Technique	Sayed Qasim Sadeq Adnan Alwadai	3:55-4:05
5	College of Science-Physics (126)	The effect of Cosmological parameters on the Chirp Mass from Gravitational Wave Data	Raghad Ebrahim Ali Rashed	4:05-4:15
6	College of Science-Physics (131)	Intrinsic Correlations of Gravitational Waves as a Probe of Their Physics	Noor Mohammed Faqih	4:15-4:25



No.	Paper No.	Session C- 4: Theme: (Science-Biology)	Session Chairs: Dr. Wael Abdelkader Amer Dr. Muhammad Nauman Zahid	3:25pm - 4:50pm Room: S48-04
		Title	Author	Time
1	College of Science-Biology (96)	Analysis of EPA + DHA and omega3/omega6 ratio in 17 edible wild fish species in Bahrain	Fajer Hamadi	3:25-3:35
2	College of Science-Biology (97)	Analysis of the nutritional composition of Bahraini breed camel milk	Jamila Mohammed Mohsin Albasara	3:35-3:45
3	College of Science-Biology (100)	Exploring the eating habits and lifestyle of adults in Bahrain	Rawan Adel Mohammed Hassan	3:45-3:55
4	College of Science-Biology (137)	Analysis of Fatty Acids Composition of Planktonic and Bio-filming Pseudomonas aeruginosa MYSAG in Response to Different Heavy Metals Exposures	Khairya Abdo Abdullah Alshabebi	3:55-4:05
5	College of Science-Biology (214)	The Effects of Heavy Metal Chromium on Giant Reed (Arundo donax L.) Plant Growth and Development in Contaminated Water.	Rayan Ahmed Hasan Alzeera	4:05-4:15



No.	Paper No.	Session C- 5: Theme: (Health-Pharmacy & Med. Lab.)	Session Chairs: Dr. Anaam Majeed George Mrs Sherry Tafwiq	3:25pm - 4:50pm Room: S40-1009
		Title	Author	Time
1	College of Health-Pharmacy/ Med. Lab. (9)	Prevalence and Correlation between High-Risk HPV Genotypes and Pap Smear Findings in Bahrain: A Retrospective Approach	Abdulla Mohamed Alnoaimi	3:25-3:35
2	College of Health-Pharmacy/ Med. Lab. (123)	The Influence of Virtual Reality on Learning Enhancement and Perception in Medical Laboratory concepts	Huda Mohamed alnoaimi Zainab Abdullah Abbas	3:35-3:45
3	College of Health-Pharmacy/ Med. Lab. (204)	Frequency of alloimmunization among patients with chronic diseases receiving repeated blood transfusions in Bahrain.	Bashayer Saeed Mohammed Khawla Alkooheji Amal Mohammed Dana Alshanoo	3:45-3:55
4	College of Health-Pharmacy/ Med. Lab. (61)	A Cross-Sectional Study of Communication Problems Faced by DHOH Patients and Employed Communication Methods by Pharmacists in Kingdom of Bahrain	Abdelrahman Mostafa Fatema Salman Imad Mohammed Mayar Emaduddin Rokaya Moner Fatema Abdulkarim Sherry Nasralla	3:55-4:05
5	College of Health-Pharmacy/ Med. Lab. (66)	Vaccination and long term COVID syndrome among recovered patients in the Kingdom of Bahrain	Omar Sameer Sami Ahmed Mohamed Alkhamisi Remaz Essam Sondos Ahmed Ahmed Elhady Hassan Abdulhadi Sherry Nasralla	4:05-4:15



No.	Paper No.	Session C- 5: Theme: (Health-Pharmacy & Med. Lab.)	Session Chairs: Dr. Anaam Majeed George Mrs Sherry Tawfiq	3:25pm - 4:50pm Room: S40-1009
6	College of Health-Pharmacy/ Med. Lab. (82)	"Knowledge and Practices of Parents in Bahrain on the Appropriate Use of Children Antibiotic Suspension."	Aya Elsayed Basma Alshoubaili Haneen Al-faqawi Hebatulla Hassan Mena Mohamed Mennatalla Owf Shaima Alsubari Fatema Abdulkareem Sherry Nasralla	4:15-4:25
7	College of Health-Physical Education (69-70)	تأثير إصابات الطرف السفلي من الجسم على لاعبي كرة قدم نادي النجمة في مملكة البحرين	طيف السيد مصطفى محمد صالح الموسوي	4:25-4:35
8	College of Health-Physical Education (159)	دور مواقع التواصل الاجتماعي في نشر التعصب الرياضي طالبة - المجال التربوي	تيماء أحمد شلش أحمد إبراهيم	4:35-4:45



No.	Paper No.	Session C- 6: Theme: (Eng.-Architecture & Interior Design)	Session Chairs: Mrs. Aysha Agha Dr. Wedad Mohamed Aljowder	3:25pm - 4:50pm Room: S45-11
		Title	Author	Time
1	Civil Engineering- Architecture-Interior Design (187)	Design a villa using LIGHT GAUGE STEEL	Zahraa Ahmed Shabib Nabaa Sayed Adnan Alalawi	3:25-3:35
2	Civil Engineering- Architecture-Interior Design (193)	Performance-Based Design Using Fiber-Reinforced Polymer Bars	Mohamed Naser Hasan Abdulla	3:35-3:45
3	Civil Engineering- Architecture-Interior Design (196)	A Dynamic Sports City for Bahrain	Husain Ali Ghadeer jaffar Ali Isa Mahdi Jameel	3:45-3:55
4	College of Engineering-Civil Eng. (167)	The design of conjunction on Sheikh Salman highway	Eman Ameer Mohammed Aburwais	3:55-4:05



No.	Paper No.	Session C- 7: Theme: (Arts)	Session Chairs: Dr. Dana Abdulrahim Dr. Hasan Alwadi	3:25pm - 4:50pm Room: S44-101
		Title	Author	Time
1	College of Arts (36)	Can Stories Influence Human Perception and Behavior? (أبحاث مؤخرًا منشورة (Recently Published Research	Zainab Abdulaziz Abdulla AlSabbagh	3:25-3:35
2	College of Arts (37)	A Case Study into the Linguistic Landscape of Publicly Displayed Posters in Manama, Kingdom of Bahrain (أبحاث مؤخرًا منشورة (Recently Published Research	Zainab Abdulaziz Abdulla AlSabbagh	3:35-3:45
3	College of Arts (44)	قضاء المرأة في ميزان الفقه الإسلامي (أبحاث قيد الإعداد (Preliminary Research	فاطمة عادل الفاتح إبراهيم وهبي	3:45-3:55
4	College of Art-Islam/History (198)	التحولات الجيوسياسية في الشرق الأوسط بعد سقوط الدولة العثمانية (١٩٢٤/ ١٩٤٨)	إيلي يوسف أحمد	3:55-4:05
5	College of Art-Islam/History (205)	الأزمة الاقتصادية البريطانية (١٩٢٩-١٩٣٣)	سارة ناصر البدوي	4:05-4:15