



# جمهورية العراق وزارة التعليم العالي والبحث العلمي جامعة الفلوجة

وقائع المؤتمر  
الدولي الدوري الرابع للمعلومات والعلوم

الفلوجة-الأنبار-العراق

20  
25

AICIS 25



4<sup>th</sup> Annual International Conference on Information and Sciences (AiCIS'25)  
**Conference Proceeding**



## كلمة رئيس المؤتمر



يسرني أن أرحب بكم جميعاً في المؤتمر الدوري الدولي الرابع للمعلومات والعلوم AICIS'25، حيث نجتمع اليوم كباحثين ومتحدثين ومدراء جلسات وحضور أكاديمي رفيع، في جومن التعاون وتبادل الأفكار والمعرفة. إن وجودكم هنا يضفي قيمة كبيرة على هذا الحدث الهام، ويعكس التزامكم بالعلم والابتكار.

أود أن أعبر عن امتناني العميق وامتنان الجامعة ككل للجان المشاركة في هذا المؤتمر، الذين بذلوا جهوداً جبارة لإنجاح هذا

الحدث. فهم يمثلون عماد الدعم والتنظيم، وساهموا بشكل كبير في تحقيق أهدافنا المشتركة في تبادل المعرفة والتعلم المستمر.

نشكر جميع الحضور الكريم، الذين يمثلون مجموعة متنوعة من الخبرات والخلفيات العلمية المتنوعة، مما يثري النقاشات ويضيف الطابع الديناميكي إلى هذا الحدث. نتطلع إلى استماع آراءكم ومشاركاتكم الفعالة لتحقيق أهداف هذا المؤتمر.

في الختام، نأمل أن يكون هذا المؤتمر مناسبة لاستكشاف أفكار جديدة وبناء علاقات مهمة. لتبادل الأفكار والخبرات بشكل حيوي ومثمر. شكراً لكم جميعاً على تفاعلكم وجهودكم المبذولة في إثراء هذا الحدث العلمي الرائع.

ا. د. أحمد سليمان حمد  
رئيس جامعة الفلوجة

## كلمة رئيس اللجنة العلمية للمؤتمر



تعقد جامعة الفلوجة المؤتمر الدوري الدولي الرابع للمعلومات والعلوم AICIS'25 الذي يشكل مصدر فخر واعتزاز لنا جميعاً ونقطة تحول مهمة في مسيرة جامعة الفلوجة العلمية، فهو ليس مجرد تجمع علمي بل هو تجسيد لجهود العديد من العقول المبدعة من داخل العراق وخارجه. يجمع هذا الحدث المميز مجموعة متنوعة من

الباحثين والعلماء الذين يتقاسمون أحدث الابتكارات والاكتشافات في مختلف الميادين العلمية. هذا المؤتمر يمثل منصة حيوية لتبادل الخبرات والمعرفة، حيث يجمع الأفكار والرؤى من خلفيات مختلفة، مما يعزز التعاون العلمي والتبادل الثقافي بين المشاركين.

وفي هذه المناسبة يطيب لي ان اتقدم بالشكر الجزيل لجميع المشاركين بصفاتهم المختلفة ومشاركتهم الفاعلة والمثمرة والإسهامات القيّمة التي ستسهم في تطوير المجتمع العلمي والبحثي. الزملاء الكرام إن وجودكم في هذا المؤتمر يعزز الوعي العالمي بما يُحققه الباحثون والعلماء من إسهامات وإنجازات في مختلف المجالات. إن جهودكم وتفانيكم في مشاركة الأفكار والبحوث الرائدة توضع بصمة لامعة في سجل العلم والتقدم البشري. لذا، نحن فخورون بكم وبإسهاماتكم المهمة التي تسهم في تقدم العلوم والمعرفة وتعزز مكانة المجتمع العلمي الدولي.

ا. د. نهلة ناجي هلال

مساعد رئيس الجامعة للشؤون العلمية

### كلمة رئيس اللجنة التنظيمية للمؤتمر



بكل فخر واعتزاز تعقد جامعة الفلوجة مؤتمرها الدوري الدولي الرابع للعلوم والمعلوماتية ونشهد تميزا علميا وتنظيما كما سابقه. وإذ نحثفي بالمشاركين باحثين ومتحدثين رسميين ومقومين علميين فإننا نسعى إلى تأسيس اواصر علمية مستديمة تخدم العملية العلمية

وتوفر مناخا ملائما لعرض النتائج العلمية وتقييمها. فمرحبا بالضيوف الكرام وبكل المشاركين سواء بصفة باحث او عامل في لجان المؤتمر من خارج الجامعة في رحاب جامعة الفلوجة في مدينة الفلوجة وشكرا لكل أبناء الجامعة الذين عملوا بكل إخلاص ونشاط وهممة عالية لإخراج هذه النسخة بما يليق بها بوصفها حلقة في سلسلة قدمت أوراق اعتمادها بالأصالة من خلال نشر النتائج البحثية في المستوعبات العالمية وبعد اجتيازها مراحل متعددة من التقييم. اكرر ترحيبي بالجميع ونأمل ان نكون عند حسن ظنكم في تقديم ما يرضيكم.

ا.د. سليمان براك الجميلي

مساعد رئيس الجامعة للشؤون الإدارية

## نبذة عن المؤتمر

تشرف لجنة تنظيم المؤتمر الدوري الدولي الرابع للمعلومات والعلوم AiCIS' 2025 بدعوتكم للمشاركة في هذا المؤتمر الذي سيعقد في الفترة من 17 إلى 18 ديسمبر 2025 في جامعة الفلوجة. بعد النجاح الكبير الذي حققته المؤتمرات السابقة، يسعدنا أن نقدم النسخة الرابعة من هذا المؤتمر. نعتقد بقوة أن المؤتمر سيكون فرصة استثنائية للأشخاص ذوي الخلفيات المتعددة وللخبراء المعترف بهم عالمياً وللباحثين الشباب لمشاركة رؤى جديدة وخلق آفاق جديدة. يعد المؤتمر فرصة مثالية لمناقشة الأفكار الريادية وتقديم اقتراحات للبحوث المستقبلية. وهو منصة انطلاق للطلاب لاكتساب منظورات جديدة وبناء شبكات قوية مع الخبراء. سيتم التركيز في هذه النسخة على مواضيع مختلفة مثل الطب، الهندسة، تكنولوجيا المعلومات، الكيمياء، التقنيات الاحيائية وعلم الأحياء، الفيزياء الطبية، التحليلات المرضية، الرياضيات، الطب البيطري، والادارة والاقتصاد. ستتضمن الفعاليات نقاشات و افية، عروض بوسترات، محاضرات رئيسية، بالإضافة إلى فرص استثنائية للتواصل بين المشاركين. وأخيراً، يتم تنظيم هذا المؤتمر بالكامل من قبل جامعة الفلوجة (المقر الرئيسي) في محافظة الأنبار، العراق.

## محاور المؤتمر

- ❖ محور علوم الطب
- ❖ محور الهندسة
- ❖ محور تكنولوجيا المعلومات
- ❖ محور الكيمياء
- ❖ محور التكنولوجيا الحيوية وعلم الأحياء
- ❖ محور الفيزياء والفيزياء الطبية
- ❖ محور التحليلات المرضية
- ❖ محور الرياضيات
- ❖ محور الطب البيطري
- ❖ محور الاقتصاد والحكومة والتحويل

البرنامج العام للمؤتمر

اليوم الأول - الأربعاء 17 كانون الأول 2025

المكان: الانبار-الرمادي- فندق الانبار الدولي-القاعة الرئيسية	
08:30 – 10:00	التسجيل
10:00 -10:45	<p>الحفل الافتتاحي</p> <ul style="list-style-type: none"> <li>• الاستماع إلى آيات من القرآن الكريم.</li> <li>• الاستماع إلى النشيد الوطني العراقي.</li> <li>• كلمة معالي وزير التعليم العالي والبحث العلمي المحترم.</li> <li>• كلمة السيد رئيس جامعة الفلوجة المحترم.</li> <li>• مشاهدة فيلم قصير عن جامعة الفلوجة.</li> </ul>
10:45 - 11:05	المتحدث الأول: الاستاذ الدكتور احمد حسن فوزي / مصر
11:05 -11:25	المتحدث الثاني: الأستاذ الدكتور هلال بهجت الصفار / العراق
11:25 -11:45	المتحدث الثالث: الأستاذ الدكتور مختار ابراهيم يوسف / مصر
11:45 -12:00	استراحة
12:00 -03:00	الجلسات العلمية
3:00	وجبة الغداء

اليوم الثاني – الخميس 18 كانون الأول 2025

المكان: الانبار-الفلوجة - كلية الطب	
08:30 – 09:30	التسجيل
09:30 - 10:00	المتحدث الرابع: الأستاذ الدكتور وليد سلامة / الاردن
10:00 -10:20	المتحدث الخامس: الأستاذ الدكتور منصور عادل / قطر
10:20 -12:20	الجلسات العلمية الأولى
12:20-12:30	استراحة
12:30-3:00	الجلسات العلمية الثانية
3:00	التوصيات

## General Conference Program

First Day-Wednesday, Dec. 17, 2025

Venue: Anbar-Ramadi-International Anbar Hotel-Main Hall	
Registration	8:30 – 10.00
Opening Ceremony <ul style="list-style-type: none"> <li>• Recitation of selected verses from the Holy Qur'an.</li> <li>• Playing of the Iraqi National Anthem.</li> <li>• Address by His Excellency, the Minister of Higher Education and Scientific Research.</li> <li>• Address by the Honorable President of the University of Fallujah.</li> <li>• Presentation of a short documentary film highlighting the University of Fallujah.</li> </ul>	10:00 -10:45
Keynote Speaker I: Prof. Dr. Ahmed Hassan Fawzi El-Tawdi / Egypt	10:45 - 11:05
Keynote Speaker II: Prof. Dr. Hilal Bahjat Al-Safar / Iraq	10:45 - 11:05
Keynote Speaker III: Prof. Dr. Mokhtar Ibrahim Yousef/ Egypt	11:25 -11:45
Coffee Break	11:45 -12:00
The Parallel Scientific Sessions	12:00 -03:00
Lunch Time	03:00

Second Day-Thursday, Dec. 18, 2025

Venue: Anbar-Fallujah-College of Medicine-Main Hall	
Registration	08:30 – 09:30
Keynote Speaker IV: Prof. Dr. Walid A. Salameh / Jordan	09:30 - 10:00
Keynote Speaker V: Prof. Dr. Mansour Al Qubeissi / Qatar	10:00 -10:20
The Parallel Scientific Sessions	10:20 -12:20
Coffee Break	12:20-12:30
The Parallel Scientific Sessions	12:30-03:00
Conference Recommendations	03:00

## Keynote Speakers

### Keynote Speaker I

**Prof. Dr. Ahmed Hassan Fawzi El-Tawdi / Egypt**

President of the Military Medical Academy Dean faculty of  
medicine  
Delta University for Science and Technology/Egypt



### Keynote Speaker II

**Prof. Dr. Hilal Bahjat / Iraq**

Consultant Cardiologist and Professor at the College of  
Medicine, University of Baghdad/Iraq



### Keynote Speaker III

**Prof. Dr. Mokhtar Ibrahim Yousef/ Egypt**

Professor of Animal Physiology and Environmental Sciences  
Department of Environmental Studies Institute of Graduate  
Studies and Research  
University of Alexandria / Egypt



### Keynote Speaker IV

**Prof. Dr. Walid A. Salameh / Jordan**

Vice President for Academic Affairs  
Princess Sumaya University for Technology/Jordan



### Keynote Speaker V

**Prof. Dr. Mansour Al Qubeissi / Qatar**

Head of the Mechanical Engineering Department  
Doha University for Science and Technology  
Qatar / Doha



### First Day-Wednesday, Dec. 17, 2025

Venue: Anbar-Ramadi-International Anbar Hotel-Main Halls

Main Hall	Hall 1	Hall 2	Hall 3
Main	Biology & Biotechnology Sessions	Mathematics Session	Engineering Session

### Second Day-Thursday, Dec. 18, 2025

Venue: University of Fallujah, College of Medicine-First Session

El-Kendi Hall الكندي	Main Hall القاعة الرئيسية	Ibn al-Nafis Hall ابن النفيس	Ibn Sina Hall ابن سينا	El-Razi Hall الرازي	Ibn Al-Haytham Hall ابن الهيثم	
Biology & Biotech. Sessions	Medicine	IT Session	Mathematics Session	Engineering Session	Physics & Medical Physics Session	Economics, Governance, & Transformation

### Second Day-Thursday, Dec. 18, 2025

Venue: University of Fallujah, College of Medicine-Second Session

El-Kendi Hall الكندي	Main Hall القاعة الرئيسية	Ibn al-Nafis Hall ابن النفيس	Ibn Sina Hall ابن سينا	El-Razi Hall الرازي	Ibn Al-Haytham Hall ابن الهيثم	
Pathology Session	Medicine & Veterinary Medicine Session		Mathematics Session	Biology & Biotech. Sessions	Chemistry Sessions	Economics, Governance, & Transformation

Biology & Biotechnology Session-First Day

First Session: Biology & Biotechnology

(Hall1) Time: 12:00 – 01:00

Chairman: Prof. Dr. Ahmed Majeed Al_Shammari (Mustansiriyah University)		Assistant Chairman: Prof. Dr. Raghad Harbi Al-Azzawi (University of Baghdad)	
No.	Research Title	Author's Name/s	Affiliation
1.	Dysregulation of MicroRNA-181a-5p Targets TNFAIP3 to Promote MIF-CXCR4 Signaling and Immune Inflammatory Remodeling in Chronic Myeloid Leukemia	Noha Mohammed Saleh Rawaa AlChalabi Yasir W. Issa Shahad W. Nassurat	Al-Iraqia University Al-Nahrain university. Middle East University
2.	Evaluation of the effectiveness of hesperidin and its derivatives in inhibiting human cancer MCF-7 cells and leshmania: an in vitro study	Mohammad M.F. Al-Halbosiy Hanady S. Al Shmgani Rakad M.Kh. Al-Jumaily Baraa Abdulhadi Abdulhameed Lamees Muhsin Jaed	Al-Nahrain University, University of Baghdad
3.	Green biosynthesized silver nanoparticles using aqueous extract of Salix alba: antimicrobial and cytogenetic effects via micronucleus formation	Worood Kamil Shalash Al Maliky Jalal Hasan Mohammed, Mohamednoruldin Dh Hazim	University of Baghdad University of Karbala
4.	Bioinformatics-based Investigation to Unveiling The miRNA-Immunity Axis in The Tumor Microenvironment of Pancreatic Cancer	Mohammed Salih AL-Janaby Salah H. Mannoush Saif S. Al-Janabi A.A.J. Suleiman A.H. Abdulkareem A.K. Alalwani Mustafa M. Fahad	University of Anbar
5.	Study of the relationship between miR-301b gene expression and infection with Pseudomonas aeruginosa isolated from different clinical sources	Nawras kadhim Zainab Anass Salman Afrah Kadhim Ghannawi Alaa Turki Monawer Batol Imran Dheeb Muhannad I. Massadeh	University of Baghdad University of Duhok University of Samara The Hashemite University

6.	Assessment Levels of cytokines and chemokines parameters in Premenopausal and Postmenopausal Women with Breast Cancer	Firas Faris Rija Lina Qays Yasseen Bilal A. Alarabi Sarab Dalaf Khalaf.	Tikrit University
<b>Second Session: Biology &amp; Biotechnology Session</b> <b>(Hall 1) Time: 01:00 – 02:00</b>			
<b>Chairman: Prof. Dr. Risala R Hussain Allami</b> <b>(Al-Nahrain University)</b>		<b>Assistant Chairman: Prof. Dr. Raad Mahmood Hussein AL-Zubaedi</b> <b>(Dayala University)</b>	
No.	Research Title	Author's Name/s	Affiliation
1.	PCR-based detection reveals threefold underdiagnoses of Group A Streptococcus and Pathogenic Non-Group A Streptococci Predominance in Iraqi Tonsillitis Patients	Mothana Ali Khalil Samira Mohammed Salman E. Mohammed Abdullah	University of Anbar
2.	High Measles Complication Rates and Vaccine Breakthrough Infections Among 200 Pediatric Cases in Iraq: A Cross-Sectional Analysis of Clinical Features and Risk Factors	A. M. Abdulla Mothana Ali Khalil E Mohammed Abdullah	University of Anbar
3.	Prevalence and Antimicrobial Resistance of ESKAPEE Pathogens Isolated from Clinical Specimens Among Various Hospitals in Iraq	Samira M. Salman Mushtak T. S. Al-Ouqaili Bilal K. S. Al-Obaidi	University of Anbar
4.	Effect of Zinc Oxide Nanoparticles on Gene Expression in Clinical Isolates of Pseudomonas aeruginosa and Staphylococcus aureus	Aminah K Ibrahim Ahmed Turki A.S. Obaid	University of Anbar
5.	Synergistic Fermentation of Pomegranate Peel Extract by Leuconostoc mesenteroides and Pediococcus pentosaceus for Simultaneous Ellagic Acid Enhancement and Probiotic Enrichment	Tareq A. M. Alabdali Linh Jaafar Sultan Haneen Shartoh Sharqi Firas Riyadh Jameel Mundher Jawahar Dakheel	University of Fallujah University of Baghdad University of Anbar University of Tikrit
6.	Molecular Characterization of Highly Pathogenic Marek's Disease Virus Strain in Vaccinated Iraqi Pullets	Basim Mohamed Manswar, Mohammed Abdullah Hamad, Aws El-Muntaser H. Ali and Firas R. Jameel	University of Diyala & University of Fallujah

Third Session: Biology & Biotechnology Session

( Hall 1 ) Time: 02:00 – 03:00

Chairman: Prof. Dr. Ahmed Abduljabbar Suleiman (University of Anbar)		Assistant Chairman: Pro.Dr. Maeda Hussain Mohammad (Al-Mustansyria university)	
No.	Research Title	Author's Name/s	Affiliation
1.	Association of cagA-Positive Helicobacter pylori with MGMT Promoter Hypermethylation Across the Gastric Disease Spectrum and Gastric Cancer	Rafal Assad Nadhir Ahmed Mohammed Jubair Muhaidi	University of Fallujah
2.	Evaluation of the Antibiofilm and Antimicrobial Effects of Selenium Nanoparticles on Multidrug-Resistant Salmonella Isolates	Shaimaa Noori Mahal Hamza Jabbar Jabour Asmaa Samir Mohsin SuraMouaid Abbas2 Noor M. Taher	University of Fallujah Mustansiriyah University,
3.	Evaluation of the synergistic efficiency of hormonal, biological and physical stimuli in the induction and growth of callus in lavender	Mohammed A. Mohammed, masara dafer alani, Ahmed O. Mashaan , A.F. Almehemdi	University of Anbar
4.	Effect of Cranberry Plant Extract on Gene Expression in Antibiotic- Resistant and Biofilm-Forming Staphylococcus aureus and Streptococcus agalactiae Isolated from Vaginal Infections	Noor Hazim Abdulkareem , Tamara Adnan Abed , Ahmed Mohammed Turki ,Ali Hazim Abdulkareem and Duraid M.	University of Anbar, College of Medicine; university of Tikrit
5.	Effect of anti-obesity drug orlistat (Xenical™) on liver and kidney function in male rats fed a high-fat diet	Sura M. Alkadhimy Asmaa M. Neamah Mohammed Y.I. Al-Hamadani Ahmed S. Jarad Mokhtar I. Yousef	University of Fallujah University of Karbala
6.	Evaluation of the In Silico and In Vitro Effects of Matricaria chamomilla Extract on Biofilm-Forming Multidrug-Resistant Escherichia coli	Sawsan Qahtan Taha Al-Quhli, Fadhela Nafaa Kafe, Taif Emad Ali , Dhuha D. M. Alrawi	University of Anbar

Biology & Biotechnology Session-Second Day

First Session: Biology & Biotechnology Session

( El-Kendi Hall ) Time: 09:50 – 11:50

Chairman: Prof. Dr. Muthana Ali Khalid (University of Anbar)		Assistant Chairman: Prof. Dr. Asraa Adnan Abdul-Jalil (University of Anbar)	
No.	Research Title	Author's Name/s	Affiliation
1.	Serological Evaluation of Anti- FSH antibody, and Anti-LH antibody In Iraqi women with polycystic ovarian syndrome	Suraa F. Alsaffar *, Hiba M. Khaleel	University of Baghdad
2.	Eco-Friendly Modified Fabrication of poly(lactic-co-glycolic acid) (PLGA) Nanoparticles from a Novel Utilized date seed Extract with Potent Antibacterial Properties isolated from Osteomyelitis patient	Elaf Sameer, Suzan Saadi Hussain, Raad S Sabry, and Saba Talib Hashim	University of Baghdad
3.	The administration of 0.75 ml hydatid cyst germinal layer antigen has an effect on particular immunological markers.	Hussain, Abdalwahab Bdewi <sup>1</sup> , Iqbal Muaafi Abdullah <sup>2</sup> , Zahraa Tahsen Abdulkareem <sup>3</sup>	University of Fallujah
4.	Exploring the potential of fungal application in sustainable biofuel production: innovations, challenges and future directions.	Gufran Mahmood Mohammed <sup>1</sup> Sumaiya Naeema Hawar <sup>1</sup> Hanady S. Al-Shmgani <sup>1</sup>	University of Baghdad
5.	The Impact of Promoter Variants in Interleukin-18 on susceptibility to Ankylosing spondylitis in a sample of Iraqi Patients	Ibtehal Kadhim Jassim and Asmaa Mohammed Saud	University of Baghdad
6.	Effect of Small Nuclear RNA 64 (SNORA64) on Apoptosis Regulator Genes in Pancreatic Cancer in Vitro	Rana Alfardan	University of Basrah

Second Session: Biology & Biotechnology Session

(El- El-Razi Hall) Time: 12:30– 02:50

Chairman: Prof. Dr. Mohammed Abood M. (University of Fallujah)		Assistant Chairman: Prof. Dr. Mohammed M. S. (University of Anbar)	
No.	Research Title	Author's Name/s	Affiliation
1.	Evaluation of Physiological and Biochemical Parameters among a Group of Postmenopausal Womens	Abeer H Ahmed ; Aseel M Hatam	University of Samarra
2.	Antimicrobial Potential of Phytoalexins Extracted from Sunflower ( <i>Helianthus annuus</i> L.) Leaves after Dust Storm Exposure	Mohammed Ridha A Hasoon	University-Al Qadisuyah
3.	Isolation and Identification of Antibiotic Resistance Genes in Multi-Drug Resistance <i>Escherichia coli</i> Isolates From With Urinary Tract Infections	Marwah Ali Oudah1 Nidda F. Aziz, Bushra Hamad Obaid	Alfurat Alawsat Technical University
4.	The Usage of Whitening Creams and Its Effect on the Adrenal Gland	Fadheelah Salman Azeez; Noor Faisal Noaman, Ahmed Neema Al-Mussawy	Northern Technical, Kirkuk and Kerbala Un.
5.	Clinical Risk Factors and Antimicrobial Resistance Patterns of Multidrug Resistant <i>Enterobacter cloacae</i> Isolates from Hospitalized Patients	Sarah Ahmed Hasan1*, Ali Hasan Mohamed2, Gulbahar F. Karim3	College of Nursing, University of Kirkuk
6.	The potential mitigating effect of curcumin root extract against synthetic anabolic steroid boldenone-induced kidney injury in male rats	Asmaa M. Neamah Sura M. Alkadhimy Ruwaidah A.R. Abbas Mohammed Y.I. AlHamadani Mokhtar I. Yousef	Al-Qadisiyah Karbala, Fallujah and Alexandria University,
7.	Isolation of <i>Staphylococcus</i> spp. from Eye Infections and Molecular Characterization of Selected Isolates with the Highest Levels of Resistance	Thara Sifyan nada 1 Harith Ahmed Mustafa 2	University of Samarra
8.	Assessing the Role of lncRNA GAS5 in Thyroid Function Regulation and Their Potential Use as Biomarkers for Hyperthyroidism Management	Yasser A. Muhammad and M. J. Muhaidi	University of Fallujah
9.	Association of Coxsackievirus infection with serum Interleukin-12 levels in Iraqi patients with Dilated Cardiomyopathy	Adel Najah Tauma and Wisal Salman Abd	University of Baghdad

Mathematics Session-First Day

First Session: Mathematics (Hall 2) Time: 12:00 – 01:30			
Chairman: Prof. Dr. Mushtaq Kareem Abdalrahim (University of Al-Ameed)		Assistant Chairman: Asst. Prof. Dr. Shireen Rasool Jawad (University of Baghdad)	
No.	Research Title	Author's Name/s	Affiliation
1.	Effects of variable viscosity, concentration and heat variation on MHD oscillatory flow for Bingham fluid through an inclined porous channel	Munirah Aali Alotaibi Amal Al-Hanaya Dheia G. Salih Al-Khafajy	Princess Nourah Bint Abdulrahman University University of Al-Qadisiyah
2.	Simultaneous Numerical Determination Two Time-dependent Coefficients in Second Order Parabolic Equation With Nonlocal Initial and Boundary Conditions	Mohammed A.J. Al-Shatrah  Mohammed Sabah Hussein	Ministry of Education / Directorate of Education Thi Qar University of Baghdad
3.	Estimating the Reliability Function (2+1) Cascade Model for Inverse Chen Distribution	Maha Abduljabbar Mohammed Eman Ahmed Abdulateef Abbas Najim Salman	University of Baghdad
4.	Fixed-point Acceleration Algorithm of Total Asymptotically Nonexpansive Mappings	Rana Fadhil Abbas Salwa Salman Abed	University of Baghdad
5.	Impact of high wind speed on blooming plants-honeybees-honey production model	Zainab Hayder Abid AL-Aali Shireen Rasool Jawad	Al-Muthana University University of Baghdad
6.	New Extension of Inverse Burr-X Distribution: Structural Properties, Simulations, and Applications (Carbon Fibers and Leukemia Patient Data)	Qasim Nasir Husain Alaa Mnamer Dedaa Nooruldeen A. Noori	University of Tikrit General Directorate of Education in Anbar
7.	Construction an Implicit Block Multi-Steps Approach for Solving Sixth-Order Fractional Differential Equations	Mohammed S. Mechee Mohammed Mahmood Salih	University of Kufa Ninevah University
8.	Enumeration Class of Polyominoes Inscribed in James Abacus and Related ECO	Eman F Mohommed Jalal Abd Jassim	University of Al Mustansiriya
9.	Single-Machine Scheduling with Multi-Criteria and Due- Windows	Dhuha Athal Mohsin Hussam Abid Ali Mohammed	University of Karbala

Second Session: Mathematics

(Hall 2) Time: 01:30–03:00

Chairman: Prof. Dr. Samira Naji Kadhim (University of Baghdad)		Assistant Chairman: Prof. Dr. Saad Naji (University of Baghdad)	
No.	Research Title	Author's Name/s	Affiliation
1.	On Ergodic and Inverse Shadowing Properties of Set-Valued Mapping	Farah Wattan Kamil Iftichar M.T. AL-Shara'a	University of Babylon
2.	Bayesian expectile regression with single-index models	Zina Abdulhasan Ati Rahim Jabar Taher	University of Al-Qadisiyah
3.	A Statistical Framework for Predicting System Failure using Multifractal Measures	Sada faydh Mohammed Mushtaq Kareem Abdalrahem Arkan J.S. AL-Majidi Al-Karkh University	University of Kerbala University of Al-Ameed Al-Karkh University
4.	Analyzing the Relationship Between Electronic Payment and Financial Inclusion Through Mediating Variables	Ahmad N.Sh. Al-Shallawi Elham Abdulkreem Hussain	Northern Technical University
5.	Statistical Properties of Second Iteration of Logistic Map	Mahmood Areiby Shamran Saad Naji Iden Hassan Ghasaq Haitham Shakir	University of Baghdad Ministry of Education, Baghdad, Al-Karkh Second Directorate
6.	Enhancing Solar Power Forecasting Accuracy Using HMPCS and Machine Learning Techniques: An Applied Study	Asmaa Abdul-Hussein Aziz Iraq T. Abbas	University of Baghdad
7.	New Kind of orthogonality in Normed spaces by using $\rho^*$ -orthogonality	Mohammed Yahya Abed Laith Ahmed Jasim	University of Kerbala
8.	Special Properties of Operators in Neutrosophic Crisp Topological Spaces	Hossam AL. Salman Reyadh D. Ali	University of Kerbala
9.	Coefficient Estimates for New Subclasses of Bi-Univalent Functions Involving Generalized Bivariate Fibonacci-like Polynomials	Mustafa H. Abd Ali Mohammed H. Saloomi	University of Kerbala

Mathematics Session-Second Day

First Session: Mathematics (Ibn Sina Hall) Time: 10:20 – 12:20			
Chairman: Prof. Dr. Alaa. M. F. Al-Jumaili (University of Anbar)		Assistant Chairman: Prof. Abbas Najim Salman (University of Baghdad)	
No.	Research Title	Author's Name/s	Affiliation
1.	Neutrosophic Extension of the New Odd Weibull-Inverse Weibull Distribution: Theory and Applications	Ahmed M. Salih Sara A. Khalaf Kamal N. Abdullah Nooruldeen A. Noori	University of Tikrit Salahaddin Education Directorate General Directorate of Education in Anbar
2.	New Results About Imaginary Value of the Second Axiomatic Zero of the Zeta Function and the Fifth Bernoulli Number	Ahmed adnan tuma Shakir M. Salman	University of Baghdad University of Diyala
3.	Structure of the (Total) Transformation Monoids Under Rank N Generators	Hala M. Sulaiman Asawer Al-Aadhmi	University of Baghdad
4.	Analysis of the peristaltic flow of a variable viscosity Carreau fluid affected by temperature and concentration through an endoscope hollow flexible channel	Salwa kalaf kazem Dheia G. Salih Al-Khafajy	University of Al-Qadisiyah
5.	Employing Fixed-Point Theory for Fuzzy Regression Analysis: Methodology and Empirical Application	Naeem Malik Jasim Mushtaq Kareem Abdalrahem	University of Kerbala University of Al-Ameed
6.	Endo-Greatly Bounded Modules	Buthyna Najad Shihab Sattar Kamel Hussein	University of Baghdad
7.	AMASIN –RINGS	Hamzah Ahmed Tahman Sinan O.Al-salih	University of Tikrit
8.	Chromatic Polynomials of $F_n \times P_2$ Graphs: Algebraic Analysis and Scheduling Applications	Nabeel Arif Sarah Majeed Talab	University of Tikrit

9.	A Study on Some Properties of F-Composition Operators on the Hardy space $H^2$	Kareem Muhsein Hussein Eiman H. Abood	University of Baghdad
10.	Consensus-Based Approximation and Quadrature on the Sphere via Weighted Least Squares Polynomial Models	yasser T.Alzubaidi Mushtaq Kareem Abdalrahem	Al-Safwa University
11.	Machine Learning- Assisted Hybrid Cuckoo Search for Predictive Optimization in Renewable Energy System	Noor Dalaf Iraq Tariq	University of Al-Ameed
12.	Mathematical and Statistical Properties for a New IDNAI Distribution[a]	Abbas Najim Salman Iden Hassan Hussein	University of Baghdad
13.	Neutrosophic New Odd Weibull-Weibull Distribution with Heart Pulse Count Data Application	Nooruldeen A. Noori Mundher A. Khaleel Raghad W. Faris	General Directorate of Education in Anbar University of Tikrit
14.	Linear Shooting with High-Order Diagonally Implicit Runge-Kutta-Nyström Methods for Types of Second-Order Linear Boundary Value Problems with Applications	Ibrahim abdullah mohammed Firas Adil Fawzi	University of Tikrit

Second Session: Mathematics  
(Ibn Sina Hall) Time: 12:10 – 02:30

Chairman: Prof. Dr. Mohammed Sabah Hussein  
(University of Baghdad)

Assistant Chairman: Asst. Prof. Dr. Asawer Al-Aadhmi  
(University of Baghdad)

No.	Research Title	Author's Name/s	Affiliation
1.	New Extension Odd Generalized Rayleigh-Nadarajah Haghghi Distribution with Application and Simulated Datah	Shihab Ahmed Abdul Reda Ali Talib Mohammed	University of Baghdad
2.	New Class of S-Pseudo Bounded Modules With Some Related Concepts	Amal Madhi Rashid Buthyna Najad Shihab	University of Baghdad
3.	A Study on the Structure of Ideal-Based Non-Zero Divisor Graphs Associated with $Z_n$	Sameer kadem Ali Abd Aubad	University of Baghdad
4.	Bounds on Hankel Determinants with Fekete-Szegö Parameter for Bazilević Functions	Nathir Khaled Abed Abdul Rahman Salman Juma	University of Anbar
5.	Some New Generalized Types of J-spaces and Metacompact spaces	Raad Aziz Hussain Hasan Shubbar Saeed	University of Al-Qadisiyah
6.	Update Quasi-Newton Algorithm for Training ANN	Farah F. Ghazi Zainab H. Kareem Luma Naji Mohammed Tawfiq	University of Baghdad
7.	A Bazilevic-type function associated with the class of univalent function with study Coefficient Bounds and Fekete-Szego inequalities	Mays S. Abdul Ameer Hassan Hussien Ebrahim Abdul Rahman S. Juma	University of Tikrit University of Anbar
8.	Using mathematical modeling in environmental sustainability to study the ecological balance between a predator that feeds on two types of prey .	Haider Ghanem sufaeh	Middle Technical University
9.	S-Pseudo Bounded Radical of Submodules	Amal Madhi Rashid Buthyna Najad Shihab	University of Baghdad

10.	An Iterative Approach for Solving Fractional Differential Equations Using the $\alpha$ -Generalized Daftardar–Jafari Method	Sahib Abdulkadhim Sachit Hassan Kamil Jassim	University of Thi-Qar
11.	EHITP: Ester Hybrid Improvement Algorithm for the Transportation Problem	Faten hameed sabty Noor Hassan Ali Iraq T. Abbs Hanan Ali Cheachan	Scientific Research Commission, Baghdad Ministry of Education the First Directorate of Karkh Education University of Baghdad Al-Mustansiryah University
12.	New generalized Trends of Coupled Fixed Point Theorems for Continuous Mappings Satisfying a Property of Mixed Monotone	Mustafa. K. Bardan Alaa. M. F. Al-Jumaili	University of Anbar
13.	A New Analytical Method for Solving the Fractional Swift-Hohenberg Equation with Atangana-Baleanu Derivative	Jaafar Khalid Kareem Hassan Kamil Jassim Mohammed Taimah Yasser	University of Thi-Qar Al-Ayen Iraqi University
14.	Study analytical function subordination properties by applying a novel linear operator	Mustafa I. Hameed Maryam S. Majel	University of Anbar

Engineering Session-First Day

First Session: Engineering Session (Hall 3) Time: 12:00 – 01:20			
Chairman: Prof. Dr. Bushrah Shail Zbar (University of Baghdad)		Assistant Chairman: Dr. Nabeel Abed (University of Fallujah)	
No.	Research Title	Author's Name/s	Affiliation
1.	Investigation Of The Mechanical Properties Of Polymer Blends Reinforced with Various Types Of Natural Powders	Hassan A Sharhan Wafaa Mahdi Salih Sadeer M Majeed	University of Technology
2.	Assessing Key Delay Causes in Residential Investment Projects Using Fuzzy AHP and Risk Matrix	Aya A. Hasan Abbas M. Burhan	University of Baghdad
3.	Modifying the capacity of shallow foundations to resist uplift forces using structural skirts as a promising alternative to using piles	Aqeel J Alzubaidi A'amal A.H. Al- Saidi	University of Baghdad
4.	Optimal Design criterion for ring footing on enhanced sandy soils under the influence of Eccentric-Inclined Loading	Abbas J. Al-Taie Mahmood D. Ahmed	University of Baghdad
5.	Optimal Design criterion for ring footing on enhanced sandy soils under the influence of Eccentric-Inclined Loading	Jumana Yousif Mohammed Ali Amaal Al-Saidi	University of Baghdad
6.	Optimizing Early Compressive Strength of Ultrafine POFA-Based Green HSC: An Experimental and Modeling Approach with Silica Fume and Hybrid Fibers	Aktham Hatem Alani Doaa Ahmed Qasim A. Al-Obaidi Nahla Naji Hilal Megat Azmi Megat Johari Hayder Sadeq Al-Aasam	University of Fallujah University of Bilad AL-Rafidain Universiti Sains Malaysia
7.	Performance of Polypropylene Fiber-Reinforced Mortar Exposed to Elevated Temperatures	Murtatha Alshijlawi Sheelan Mahmoud Hama Musab A. Abdulhamed Ibraheem A Aidan Noor A. Rajab Aymen Hameed Fayyadh	Technical Institute of Anbar University of Anbar Middle Technical University University of Al Maarif
8.	Torsional Performance of Square CFDST Beams before and after Fire Exposure: Effect of Outer Tube Thickness	Omar Fazaaj Rajab Assim Lateef Akram S. Mahmoud	University of Fallujah Tikrit University University of Anbar

Second Session: Engineering Session

(Hall 3) Time: 01:30 – 03:00

Chairman: Asst. Prof. Dr. Bashar Hamdi (University of Fallujah)		Assistant Chairman: Dr. Mohammed Al-Shibly (University of Fallujah)	
No.	Research Title	Author's Name/s	Affiliation
1.	Effect of Pile Section Shape on Bearing Capacity under Dry and Saturated Conditions	Huda W. Abdulwadood Bushra Suhale Albusoda	University of Baghdad
2.	UPPAAL-based Verification for The Development of an Intelligent Traffic Light Control System	Kaleid Abid Mohammed A. Al-Shibly Ghusoon A. Aboud Bilal Abdullateef Kareem	University of Anbar University of Fallujah AL-Mamoun University College
3.	Reliability and Availability Analysis of Electric Power Outages in Jordan	Omayya Mansour Murad Mohammad Isam Malkawi Nabeel I. Tawalbeh Methaq Khadum	Middle East University Jordan & Capitol Technology University University of Jordan Mustansiriyah University
4.	Performance Improvement Analysis of Medical Sensors Utilizing Silver Based on Electrical Conductivity Enhancers	M.J. Aljumaili Dina Ahmed Mohamed Yousif Al Mashhadany Sameer Algburi	University of Anbar  Al-Kitab University
5.	Compact Adaptive Feature Extraction (CAFE): A Bandwidth-Aware Multi-Domain Monitoring Framework for Elderly Care - Novel Approach	Zainab N. Abdulhameed Yousif Al Mashhadany Tarik M. Salman	University of Al- Mustansiriyah  University of Anbar
6.	Post-Quantum Link-based Ring Signature Model and Artificial Bee Colony (ABC) Algorithm for Effective Data Management in IoT-based Smart Cities	Anes. A. Shaker Sami Abduljabbar Rashid Yousif Al Mashhadany	University of Anbar
7.	Material Selection Method Based on Health, Reliability and Cost for Water Supply Pipe	Sattar A. Mutlag Kadhun A. Abed Yousif Al Mashhadany	University of Anbar

Engineering Session-Second Day

First Session: Structural and Construction Engineering

(El-Razi Hall) Time: 10:20 – 12:20

Chairman: Asst. Prof. Dr. Aktham Kasim (University of Fallujah)		Assistant Chairman: Asst. Lec. Qasim Mohammed (University of Fallujah)	
No.	Research Title	Author's Name/s	Affiliation
1.	Evaluating the Effects of Titanium Dioxide (TiO <sub>2</sub> ) on the Rheological Properties of Asphalt Binders and Performance of Surface Asphalt Mixtures	Mohammed Y. Fattah Miami M Hilal Mohammed K. Shams	University of Technology
2.	A Review Study on the Behavior of Pipelines Strengthened by Fiber Reinforced Polymer FRP	Mohammed Y. Fattah Reyad A Alzerkany Hossein Showkati	University of Technology Urmia University
3.	Sustainable RC Beams with Agricultural Waste Fine Aggregate and Glass Powder: Structural Evaluation under Bending	Ziadoon Ali Sheelan Mahmoud Hama Nahla Naji Hilal Nebras Mhedi Zouaoui Rabie Harrat	University of Anbar University of Fallujah Djillali Liabes University
4.	Improving the uplift capacity performance of the structural skirt foundation by enhancing its properties	Aqeel J Alzubaidi A'amal A.H. Al- Saidi	University of Baghdad,
5.	Experimental study For improving by Emulsion Asphalt for Anchor plate	Ali Rafea Daibil A'amal A.H. Al- Saidi	University of Baghdad
6.	Systematic Review of the Torsional Performance of Concrete-Filled Double Skin Steel Tube (CFDST) Members under Fire Conditions Following PRISMA Protocols	Omar Fazaa Rajab Assim Lateef Akram S. Mahmoud	University of Fallujah
7.	Enhancing Industrial Automation in Industry 4.0: Integrating Node-RED with PLC Emulators for Analog and Digital Signal Simulation	Firas A. Husaien Mohammad Tariq Yaseen Mohammed Obaid Mustafa	University of Mosul

8.	The Experimental Development of Solar Collector with Different Types of Nanofluid	Afrah Turki Awad Mustafa Naozad Taifor Adnan M. Hussein	Northern Technical University
9.	Influence of Geometric Configuration on Load-Bearing Capacity of Under-Reamed Piles in Saturated and Partially Saturated Clay - Experimental Work	Ali F. Al-Baidhani Abdul Aziz A. Al-kifae	Al-Nahrain University
10.	Experimental Investigation of H-Pile Performance in Layered Soils	Haneen Khudhair Abbas A. Ali A. Al-Jazaairry	University of Kufa
11.	Intelligent Charging Energy Storage System Based on Optimal Behavior of Compound Renewable Energy Sources	Yousif Al Mashhadany Ali Amer Ahmed Alrawi Sameer Algburi M. Hasanuzzaman	University of Anbar Al-Kitab University Higher Institution Centre of Excellence (HICoE)
12.	Experimental Demonstration of Cost-Effective Real-Time Risk Prediction and Energy Management System for Fog-Cloud-IoT Architecture in Smart City Applications	Sami Abduljabbar Rashid Yousif Al Mashhadany Ali Amer Ahmed Alrawi	University of Anbar
13.	5G C-band Indoor Scenario and Fixed Satellite Service (FSS) Coexistence in Malaysia	Abdulmajeed Al-Jumaily Qasim Mohammed Aljumaily Yaseein Soubhi Hussein V́ctor P. Gil Jiméneez Aduwati Sali Saba Jasim Aljumaili Dhiya Al-Jumeily Mohammed Khamees Abbas	Universidad Carlos University of UPM, Malaysia Ahmed Bin Mohammed Military College (ABMMC) & ABMMC, Qatar Moores University University of Technology

Medicine and Veterinary Medicine Sessions-Second Day

First Session: Medicine  
(Main Hall) Time: 10:20 – 11:20

Chairman: Asst. Prof. Dr. Rafea Allawi (University of Fallujah)		Assistant Chairman: Asst. Prof. Mohamed A. Kamil (University of Fallujah)	
No.	Research Title	Author's Name/s	Affiliation
1.	Insomnia, a sequel of stress among medical students in Iraq	Ameel Farooq Al Shawi Riyadh K Lafta	University of Fallujah
2.	Surgical Intervention For Gastroesophageal Reflux Disease: Efficacy And Safety	Subhi Abduljabbar Shihan Al-Alwani	Collage of Medicine University of Fallujah, Iraq
3.	Chronic Posterior Shoulder Dislocation, Case Series	Ali A. Mohammed	University of Fallujah
4.	Management of Gynecological Tumors: Clinical, Histological, and Treatment Perspectives from the Cancer Treatment Unit, Fallujah Teaching Hospital.	Haitham Tafash Tafash Thair Mohammed Farhan Omar Jasim	University of Fallujah
5.	The outcome of cardiac hydatid surgery in the Iraqi center of heart disease	Maath M Muhsin	University of Fallujah
6.	High False-Positive Rate of Syphilis Serological Screening in Male Blood Donors: A Molecular Validation Study	Huda R. Sabbar Muntaha M. Hassan Muthana Ali Khalil	University of Anbar University of Fallujah

Second Session: Medicine  
(Main Hall) Time: 11:25– 12:25

Chairman: Prof. Dr. Leqaa Majeed Aziz (University of Fallujah)		Assistant Chairman: Asst. Prof. Amel Farooq (University of Fallujah)	
No.	Research Title	Author's Name/s	Affiliation
1.	Is the interplay of the innate immune response the culprit of the chronicity of chronic obstructive pulmonary disease (COPD)?	Basim Mohammed Khashman Yasir M. Abdulateef Haitham N. Eyada	University of Baghdad University of Anbar
2.	Artemisinin and Lignans Extracts: Innovative Adjuncts to Standard COVID-19 Treatment Protocols	Zeyad Duraid Najmuldeen Mohammed Khalid Abbood Ali Majeed Hantoush Ruaa Aziz Jassim Nibras Jamal Tahseen Ali Khalaf Hasan Ahmed Khalaf Mahmood	Al-Bayan University, Alnukhba University Tikrit University University Of Manara
3.	Assessment of Atorvastatin 20 mg Regimen Variability on Lipid and Glucose Regulation in Iraqi Patients: A Clinical Investigation	Hayder Abdulhafedh Kurji Mohammed Khalid Abbood Ali Majeed Hantoush Inas Sami Ali Ali Khalaf Hasan	Al-Bayan University Alnukhba University College University of Bilad Alrafidain Tikrit University
4.	Knowledge and Healthy Habits Among Nursing Students Regarding Obstructive Sleep Apnea: A Cross-Sectional Study	Eman H. Rahi Zahraa Mahmoud Hussain Ali Malik Tiryag and Zainab Alaa Abdulateef Almusawi	College of Nursing, Iraq (Online)
5.	Herpes Zoster: An Insight Review on Virulence and Diagnosis	Shahad A Mohammad	University of Anbar, Iraq
6.	EBNA-1 Regulation of miRNA-155 in Papillary Thyroid Carcinoma: A Case-Control Study in Iraqi Patients	Ahmed Essam Salman Muthana Ali Khalil Arkan Obaid Jasim Al- Esawi	University of Anbar Mustansiriyah University

Third Session: Medicine  
(Main Hall) Time: 12:30 – 1:20

Chairman: Prof. Dr. Essam Salman Habib (University of Fallujah)		Assistant Chairman: Asst. Prof. Ali A. Mohammad (University of Fallujah)	
No.	Research Title	Author's Name/s	Affiliation
1.	Traditional Remedy Sagwa as a Risk Factor for Severe Morbidity and Mortality in Iraqi Infants with Acute Diarrhea. A Case-Control Study	Bashar Talib Huweidy Jessar Saleem Hasan Bashar I. Mohammed Abdulmateen A. Shukri Akrem M. Atrushi Mazin Mahmoud Fawzi	Al Fallujah University Mosul University, Iraq University of Zakho, Iraq University of Duhok University of Mosul
2.	Pathophysiology and Biomarkers in Rheumatoid Arthritis Patients: Immunological and Erythrocyte Sedimentation Rate Alterations	Mohammed Yaseen Abdalwahab Bdewi Hussain Ashjan Mohammed H. Anwar Khalil Ismael Leqaa Majeed Aziz Mokhtar Ibrahim Yousef	University of Fallujah, Mustansiriyah University Alexandria University <b>(Poster)</b>
3.	Hepatitis C virus infection as a six-fold risk factor for hemostatic complications following arteriovenous fistula creation in end-stage renal disease: A Seven-year prospective study	Bassam M. Al-Alosi	Anbar College of Medicine, Iraq & University of Anbar, Iraq
4.	A Comparative Study of Posterior Nasal Nerve Resection and Surface Coablation in the Management of Allergic Rhinitis	Mustafa Alansari	University of Fallujah, Iraq & Ministry of Health, Iraq
5.	Ginseng Protects Against Cisplatin-Induced Liver Failure by Regulating Drug-Metabolizing Enzymes	Hend Mohamed Hussien Mohammed Yaseen Al-Hamadan Mokhtar Ibrahim Yousef Ruwaidah A.R. Abbas	Pharos International University University of Fallujah Alexandria University <b>(Online)</b>

First Session: Veterinary Medicine  
(Main Hall) Time: 01:40– 02:40

Chairman: Prof. Dr. Esam Mohammed Abdullah  
(University of Anbar)

Assistant Chairman: Asst. Prof. Dr. Ammar H. Salman  
(University of Fallujah)

No.	Research Title	Author's Name/s	Affiliation
1.	Isolation and Immunopathological Evaluation of Chromobacterium violaceum from Diarrheic Chickens	Ikram Abbas Al Sammaraa, Roua J. Mohammed, Mohammed S.Qasim Linah I. Lateef	University of Baghdad
2.	Physiological Alterations in Local Iraqi Sheep Affected by Ruminal Impaction: Insights from Biochemical	Sabea Khamees Abed Mustafa Ali Saud Ahmed Emad Abood Maysam Abdulrahman G.	University of Fallujah
3.	Physiological and Biochemical Responses to Repeated Administration of Ivermectin in Rabbits	Mustafa Ali Saud Sabea Khamees Abed Mohammed Ali Shahooth Mohammad Jadaan	University of Fallujah
4.	Pathophysiological Effects of Titanium Dioxide Nanoparticles and the Protective Role of Piperine and a Piperine-TiO <sub>2</sub> NP Combination in Rats	Ahmed Jasim Nawfal Zahraa M. SalihRafid Khalid Ali	University of Fallujah
5.	Effects of Methandienone on the ovaries of rabbits in relation to the aromatase gene (CYP19A1) and oxidative markers and the possible protective role of selenium	Mohammed Ali Shahooth Maysam Abdulrahman G. Sabea Khamees Abed Ahmed Emad Abood	University of Anbar

Information Technology (IT) Session-Second Day

First Session: Information Technology (IT) Section (Ibn al-Nafis Hall) Time: 10:20 – 12:20			
Chairman: Prof. Dr. Ali Maki (University of Anbar)		Assistant Chairman: Asst. Prof. Alaa Sulaiman Al-Waisy (University of Anbar)	
No.	Research Title	Author's Name/s	Affiliation
1.	Malware Detection Using RNA Encoding and Convolutional Neural Networks on the Malicious Network Dataset	Omar Fitian Rashid; Senan Ali Abd; Humam Al-Shahwani	University of Baghdad, Iraq University of Fallujah, Iraq
2.	Advancing Diabetic Care Through Non-Invasive Glucose Monitoring Using Optical Sensors and IoT Technologies	Hanaa Basheer; Anes A. Al-Sharqi	University of Baghdad, Iraq
3.	Emotion Detection of People with Autism Ages 10-20: Using Beta-Left and Gamma-Right Temporal	Omayya Mansour Murad Mohammad Isam Malkawi Methaq Khadum Ahmad Abed El-Thahir Arafat; Nour Faouel Samer Dahshi Hala Leberrara	Middle East University University of Science and Technology Mustansiriyah University University of Monastir The University of Texas at Dallas Adrar University
4.	Systematic Literature Review of Using Biometric/ Multifactor Authentication: Mobile Banking Case Study	Hasan Naji Ali; Sufyan salim Mahmood Aldabbagh	University of Mosul Tikrit University
5.	Sentence Embedding Using Multimodal Approach: Combining FastText with AraBERT for Arabic Text Representation	Ahmed Aliwy; Hind Almayyali	University of Kufa
6.	Securing Healthcare IoT Ecosystems: Anomaly Detection and Resilience Mechanisms for Enhanced Data Privacy and Trustworthiness	<u>Kholood J. Moulood</u>	University of Tikrit
7.	NAFNet-GAN for Image Denoising with Multi-Objective Perceptual Losses and LPIPS Guidance	Hiba Ali Rasheed	Kufa University

8.	YOLO Scope-X Evaluating the Impact of Annotation Tools on YOLOv12 Object Detection Performance	Mohammed A.S. Al-Hitawi Hiba A. Abu-Alsaad Mohammed Abduljawad Al-Shibly	University of Fallujah Mustansiriyah University
9.	Enhancing Transformer-Based Language Models for Hungarian Handwritten Text Recognition	Mohammed A.S. Al-Hitawi	University of Fallujah
10.	Intelligent Digital Transformation: Redefining Fraud Detection in Accounting	Khattab M. Ali Alheeti	University of Anbar

Physics and Medical Physics Session-Second Day

First Session: Physics and Medical Physics (Ibn Al-Haytham Hall) Time : 10:20 – 12:20			
Chairman: Prof. Dr. Ahmed Naji Al-Mustansiriyah University		Assistant Chairman: Lec. Dr. Mohammed K. University of Fallujah	
No.	Research Title	Author's Name/s	Affiliation
1.	Numerical evaluation of the coupling between several directional coupler designs	Ahmad K. Ahmad	Al-Nahrain University
2.	Evaluation annual effective dose due to exposure to Radon for workers in Al-Najaf Teaching Hospital, Iraq	Durgham Abdulsattar Oleiwi	Mustansiriyah University
3.	Influence of spark polarity on the tubular electrostatic precipitator characterization for CH <sub>4</sub> and CO gases	Hadeer Adil Abbas	University of Baghdad
4.	Electronic and Vibrational Properties of Benzene-Based Triple Fractal Models: A DFT Study	Zainab. R. Abdulsada	Thi-Qar University
5.	Stability, Electronic, Elastic, and Mechanical properties of Graphene/TiO <sub>2</sub> heterostructure: Theoretical Study Using DFT	Worood Sami Rasool	Kerbala University
6.	Eco-friendly Biosynthesis of Silver Oxide Nanoparticles Using <i>Boswellia carterii</i> with Antibacterial Applications	Ban M. Alani	University of Fallujah

7.	Performance Enhancement of AgInTe <sub>2</sub> Solar cell by using SCAPS	Mohammed SH. Essa	University of Fallujah
8.	Flexible organic solar cells using graphene as Transparent Electrodes	Morooj A. Abood	Scientific Research Commission, Iraq & Iraq Ministry of Higher Education
9.	Molecular Dynamics Study of Supramolecular Complexes to the Carbohydrate-Cation System	Dhaidan Khalaf Kafi	University of Fallujah
10.	Green Synthesis of Lanthanum Oxide Nanoparticles Using Broccoli Extract and Evaluation of Their Antioxidant Activity	Asia H. Al-Mashhadani	University of Baghdad, Iraq
11.	Study the Reduce cancer risk using Cinnamon Nanoparticles, in vivo	Asia H. Al-Mashhadani	University of Baghdad, Iraq
12.	A Secure Tele Diagnosis Based on Medical Image Compression and Steganography	Younus Khalaf Jabur	University of Anbar

Chemistry Session-Second Day

First Session: Chemistry (Ibn Sina Hall) Time: 12:30 – 03:00			
Chairman: Prof. Dr. Hasan Ahmed Hasan (University of Fallujah)		Assistant Chairman: Asst. Prof. Dr. Shakir Faris (University of Anbar)	
No.	Research Title	Author's Name/s	Affiliation
1.	Improving the characteristics of mozzarella cheese manufactured in an unconventional way and fortified with nano-salt and studying the effect of freezing on it	Nahla Tariq Khalid Shaymaa Khair Firas Salih Rea Omer	University of Baghdad
2.	Comparative Analysis of Manual and Automated HbA1c Methods in $\beta$ -Thalassemia Carriers with Diabetes	Omar N. Alheeti Othman G. Najeeb Mustafa M Fahad Nadher A. Abed	University of Fallujah University of Anbar University of Al-Maarif
3.	Anti-glutamic acid decarboxylase and biochemical anthropometric parameters in Sera with diabetes patients	Hiba, Awad K. Al-Hadithe Noor Khalid Zaidan Lubna Khalid Farhan Wisam Mohamood Mohsmmed	University of Fallujah
4.	Serum Neurogranin as a Diagnostic Biomarker for Acute Ischemic Stroke: Performance Comparison Between Thrombotic and Embolic subtypes	Tiba H. Saleh Namir I. A. Haddad	University of Baghdad
5.	Continuous Flow injection analysis-turbidimetric determination of Cobalt (II) ion in different alloy samples using linear array of six snow-white LEDs as a source and one solar cell as an energy trans	Zainab Zahid Ahmed Yasmeen H. Muhamad Naghham Shakir Turkey Murtadha Hadi Athab Muntadar A. H. Al-Yassiri	University of Baghdad AL-Mansour University University of Baghdad

6.	Evaluation of Serum Ghrelin, Leptin, and Related Biochemical Parameters in Obese Women with Polycystic Ovary Syndrome in	Mohammed Amer Fayyadh Aysar Mahmood Mohammed Abdulhakeem D. Hussein	University of Fallujah University of Fallujah
7.	Determination of etoricoxib via quenching of fluorescence using low-pressure mercury lamp and successive output of eight solar cell at $\pm 90^\circ$ as a collective mode	Asma A. Gayed AL-Ani Nagham Shakir Turkey	University of Fallujah University of Baghdad
8.	Synthesis of novel $\beta$ -Lactams derivatives as potential anti-bacterial and anti-fungal activity	Laila Yassin Ahmed Wahed Nasir	University of Baghdad

Pathological Analyses Session-Second Day

First Session: Pathological Analyses  
(Ibn Sina Hall) Time: 12:30 – 03:00

Chairman: Prof. Dr. Mohammed Q. Al-Ani University of Anbar		Assistant Chairman: Asst. Prof. Dr. Roua Jamal A. (University of Fallujah)	
No.	Research Title	Author's Name/s	Affiliation
1.	Susceptibility For Escherichia Coli Infection In Sleeve Gastrectomy	Laheeb R Hamad	University of Fallujah
2.	Sustained Remission and Prevention of Psoriasis Relapse by a 10% Lavandula Oil Ointment in Rats with Imiquimod-Induced Dermatitis	Evan Mohammed Mustafa Shilan Khayrula Jabbar Azal Hamody Jumaa Mohammed A. Hamad Youssef Shakuri Yasin5	University of Kirkuk University of Baghdad University of Fallujah Bilad Alrafidain University
3.	Demographic, Clinical, and Laboratory Predictors of Liver Involvement in COVID-19 Patients with Gastrointestinal Symptoms	Mothana Ali Khalil Shaima Saadallah Abdel Wahab Yasin H Majeed Mohammed Abdullah Hamad	University of Anbar University of Fallujah
4.	Comparative Evaluation of Microbial, Physical and Chemical Pollution in Euphrates and Nadhim Al-Warar Rivers: Emerging Risks to Human Health	Hadeel Ahmed Kenoosh Abdullah Abdul Jalil Yassin Noor T. Al-Bayatee	University of Fallujah Al-Maarif University
5.	Molecular study of the Hepatitis C virus between Egyptian and Iraqi patients.	Rania Hameed Hamad Nisreen Salah Majeed Sara F. Al-Taie Eman Raeed Azzam Mohannad Hamid Jasim Saade Abdalkareem Jasim Raed Obaid Saleh	Al-Maarif University University of Anbar University of Baghdad University of Fallujah
6.	The relationship between Mycobacterium species and two cytokines levels in pulmonary and extrapulmonary tuberculosis in Iraqi patients	Azhar Kareem Ahmed Abdulrahman Mohammed Geeran al Fahdawi	University of Anbar
7.	In-house design Multiplex Real-Time PCR Assay Developed for Epstein - Barr virus and	Ghinwa S.Majid Ahmed S. Abdulamir Iman M. Aufi	Al-Nahrain University Central Public Health Laboratory

	Cytomegalovirus DNA detection in pooled Blood Samples from Iraqi blood donors		
8.	Immunological Effects of Protoscolex Antigen Injection on Hydatid Cyst Development in Mice	Abdalwahab Bdewi Hussain Anwar Khalil Ismael Mohammed YI Al-Hamadani Nuha Majeed Farhan	University of Fallujah
9.	Genotoxicity assessment of chemotherapy using the Micronucleus technique and Comet assay, and its relationship with some Biochemical and Hematological indices in cancer patients	Sarab Dalaf Khalaf Atyaf Talal Mahmood Alyaa Fadhil Abbas Ruwaida Watheq Neamah	Tikrit University
10.	Evaluating particulate matter (PM2.5) pollution as a contributing factor to type 1 diabetes mellitus using geographic information systems in Kirkuk city, Iraq	Eepak Qasim Hasan Israa Hashim Saadon	Tikrit University
11.	Assessment of the Growth-Inhibitory Properties of Azurin Protein Extract from Pseudomonas aeruginosa on MCF-7 Breast Cancer Cell Line	Nagham Abdul Alsalam Rashid , Leqaa M. Aziz Ayşenur Kayabaş Avşar	Ministry of Industry and Minerals University of Fallujah Çankırı Karatekin University, Çankırı

Administration & Economic Session-Second Day

First Session: Administration & Economic Session

(Hall 1) Time: 10:20 – 12:20

Chairman: Prof. Dr. Nazar Dhaib (University of Fallujah)		Assistant Chairman: Asst. Prof. Ziad Khwam (University of Fallujah)	
No.	Research Title	Author's Name/s	Affiliation
1.	Analysis of Financial Crowding out in the Iraqi Economy for The Period 2004 - 2022	Basim Khamies Obaid Dikheel Ahmed Younis Jabbar	University of Baghdad Aliraqia University
2.	The effectiveness of electronic payments on the market value of agricultural companies listed on the Iraq Stock Exchange	Ahmad Hussein Battal Abdulrazaq Shabeeb Bha Aldan Abdulsattar Faraj Wisam Al-Anezi Faisal Ghazi Faisal	University of Anbar University of Al Maarif University of Anbar Al-Idrisi University College
3.	The Role of Artificial Intelligence In Preparing Digital Financial Reports and Its Impact on The Comparability of Accounting Information	Hameeda Karim Shaalan Ali Hilal Union Hawraa Neama Sadiq Karrar Saleem Hameedi	University of Kufa University of Kufa General Directorate of Education in Najaf University of Kufa
4.	Talent development and its impact on smart organizations: an analytical study in the Iraqi Ministry of Communications	Abdullah Abdulrahman Mohsen Hanin Qasim Hassan	University of Baghdad
5.	The Reflection of Cryptocurrencies Prices Volatility on US Financial Markets as a Factor in Investment Portfolio Optimization: An Experimental Study in The American Financial Markets	Majid Mohammed Saeed Jaber	University of Al-Fallujah
6.	Organizational cybersecurity and its impact on organizational immunity-An analytical study at the Ministry of Education/ General Directorate of Educational Planning	Luay Radhi khaleefah Al-rubaye Nada Ismaeel Qammach Jabbouri	Education Ministry University of Baghdad

7.	The Optimal Solution of linear Programming by Adopting the Assignment Model	Dr. Ahmed Al-rawi Ali Hamid Abed Muhannad Khamis Abed Khalid Rokan Awad Wesam ali husien Dr. Khaled Abdallah abraheem Abdullah Qasim Muhammad	University of Al-Fallujah
8.	The Impact of Government Digital Services on Improving Digital Performance Indicators: The Ur Portal as a Model	Mohammed Ibrahim Dhahi Al-Rifai Mustafa ahmed A. Ebraheem Bilal Mohammed Asaad Wan Norhaniza Wan Hasan	University of Anbar University of Anbar University of Anbar University Sains Malaysia
9.	Transparency in Accounting and Financial Reporting within Central Banks	Prof Dr Wisam Hasan Ahmed Zaini	Alshaab University
10.	Evaluating the Impact of Adopting Green Accounting on Sustainability Reporting at the Central Bank of Iraq (CBI): A Vision to Support the 2030 Sustainable Development Goals (SDGs)	Hamza N. Aljumaili Malik A. Awad Anwer Abed Shahoobe Ridha Ali Abdullah	University of Fallujah, University of Fallujah university of Technology University of Anbar
11.	Calculating the Required Rate of Return Using the Fama-French Three-Factor Model	Hind Salman Elias manaf ahmed Hanan Shaheen Hussein Samah Salih Ali Muhannad Khalifa Obed Khalid Rokan Awad	Al nahrain University university of Anbar University of Fallujah University of Fallujah University of Fallujah University of Fallujah
12.	The Impact of Certain Macroeconomic Variables on Exchange Rates - A Comparative Study Between Iraq and Algeria for the Period (2006-2022)	Lecturer Ahmed Ibrahim Jumaah Associate Professor Thouraya BOUJELBENE Professor Dr.Khalid Rokan Awad	Al-Iraqia University University of Sfax University of Fallujah

Second Session: Administration & Economic Session

(Hall 2) Time: 10:20 – 12:20

Chairman: Prof. Dr. Khalid Abdullah (University of Fallujah)		Assistant Chairman: Asst. Prof. Dr. Hamdan Mansour (University of Fallujah)	
No.	Research Title	Author's Name/s	Affiliation
1.	The role of electronic payment methods in reducing liquidity risks in Iraqi banks	Seemaa Mohasin Allawi	Al-Iraqia University
2.	From Leadership to Addiction: How Does a Brand Create a Lasting Impact? a Descriptive Analytical of The Opinions of a Sample Customers of Apple, Samsung, and Huawei Companies	Dr. Hameed Abdul Ameer Kawthar Prof. Dr. Naji Abdulsattar Mahmood	Rasheed Bank Tikrit University
3.	Institutional Capacities Building of Universities in Post-Conflict Context: A Dynamic Managerial Capabilities Perspective	Mohammed Abdulqader Mohammed Hamdan O. Mansoor Younis M. Kh. Al-Sabaawe Narmeen AbdulRazzaq Saleh Al-Obaidy	University of AL-Hamdaniya University of Fallujah University of Kirkuk University of Kirkuk
4.	The impact of online store specifications on enhancing the attractiveness of customer perception of the product: An analytical study of the opinions of a sample of Iraqi virtual store customers	Ahmed Abbas Hammadi Hisham Jadallah Mansour Sadia Awid Awni Doaa Salman Ayat Muhammad Nabil Wahib Farouq Ahmad Alazzam Andriy Stavytskyy, Professor	University of Fallujah Middle East university Middle Technical/Technical University for Modern Sciences Irbid National University University Al-Ain University of Kyiv
5.	Designing a Material Requirements Planning (MRP) System Using Blockchain Technology: A Case Study in Italian Chaizlonat Furniture Exhibition / Baghdad	Astabraq Mohammed Jawad Hassan Assis. Prof. Dr. Asfad Murtada Said Assis. Prof. Dr. Hakeem Imad Mhaibes	Middle Technical University
6.	The relationship between digital transformation and the level of innovation in banking services An Analytical Study of the Opinions of a Sample of Employees Working in Iraqi Private Banks	Assist. Lect. Mustafa Ibrahim Lect. Mahmood J. Awad Assist. Lect. Mohammed Ibrahim	University of Fallujah
7.	Analyzing the Effectiveness of Macroeconomic Policies in Addressing Poverty in Iraq: An Econometric Study considering Digital	Prof. Dr. Nadhem Abdullah Abid Al Mihimdy	Al-Huda University College

	Transformation and Artificial Intelligence for the Period (2004-2024)	Assoc. Prof. Dr. Ahmed Abid Saleh Attia	Ministry of Finance– General Tax Authority
8.	Digital Human Resource Management and Its Role in Achieving Competitive Advantage: An Exploratory Study of the Opinions of a Sample of Leaders in Private Banks	Firas Ali Hussain Dr. Khaled Abdallah abraheem	University of Fallujah
9.	The Role of Smart Governance in Mitigating Financial Risks in the Era of Artificial Intelligence: Evidence from Iraqi Banks	Shuaib Mohammed Sharif Abdo Mohammed Ibrahim Mohammed Al-Jubouri Suzan Abdul Ghani Ali Yasir Jihad Saeed	University of Kirkuk
10.	The role of financial discipline and digital transformation in enhancing the efficiency of the Central Bank of Iraq in managing foreign reserves in Iraq for the period (2004-2023)	Khalid Rokan Awad Firas Tahrer Mohammed	University of Fallujah
11.	Digital transformation of public finance and its impact on spending efficiency to achieve the Sustainable Development Goals	Asst. Prof. Dr. Daa Hussein Saud Prof. Dr. Alyaa Hussin Khalaf Al-Zarkrouhi Asst. Prof. Dr. Ismael Hammadi Mujbel	University of Diyala University of Diyala University of Fallujah
12.	The Role of Website Quality on the Enhancement of E-Loyalty: The Moderating Role of Customer Knowledge Management	Rabee Ali Zaker Sahm Hazim Najeeb Ahmed Z. Tawfiq Mohammed Mustafa Hussein Hasan Ali Abdulfattah Alshaher	University of Al-Hamdaniya University of Mosul University of Mosul University of Mosul University of Mosul
13.	The E-Learning System and its Role in Promoting Digital Culture An analytical study of the opinions of a sample of faculty members at the University of Fallujah	Lect. Muthana M. Saeed Lect. Mahmood J. Awad Lect. Mohammed Q. Hamid	University of Fallujah University of Fallujah University of Anbar
14	The Role of Digital Maturity in Achieving the Quality of E-Services: An Analytical Study at Al-Rafidain Bank - Fallujah Branch	Younis Akram Turki Asst. Prof. Dr. Zaid Khawam Mahmood	University of Al-Fallujah
15.	Integrating AI and Management Accounting to Improve the Quality of Financial Reporting and Enhance Trust in Iraqi Banks	Taiseer Mohammed Jumaah Durgham Ahmed Abdul Ridha Islam Ahmed Abdulridha Hamzah N. Al-Jumaili	University Of Fallujah Ministry of Education Ministry of Education University Of Fallujah

Third Session: Administration & Economic Session

(Hall3) Time: 10:20 – 12:20

Chairman: Prof. Dr. Ahmed Abbas (University of Fallujah)		Assistant Chairman: Dr. Mounther E. Hameed (University of Fallujah)	
No.	Research Title	Author's Name/s	Affiliation
1.	The Role of the Digital Workplace in Enhancing Productive Organizational Energy: An Analytical Study at the University of Fallujah	Assistant Professor Dr. Yasser Lateef Khalaf Researcher: Amna Laith Emad	University of Al-Fallujah
2.	The Role of Psychological Pricing Strategy in Customer Purchasing Behavior An Exploratory Study of the Opinions of a Number of Customers of Al-Salam Chain Stores in Kirkuk Governorate	Assoc. Prof. Dr. Sawsan Ibrahim Rajab Asst. Lecturer Mohammed Sutwan Amhamme	Northern Technical University
3.	Econometric analysis of the impact of government spending components on economic growth indicators in Iraq: A study in light of price shocks and structural disturbances (2004-2023)	Muhannad Khamis Abd Abdullah Qasim Mohammed	University of Al-Fallujah
4.	Cybersecurity Awareness as a Mediating Variable in the Relationship between ICS and AIS in Iraqi State Banks	Younis Ahmed Al-Mohammed Ahmed S. Tarkh Hamzah N. Al-Jumaili Nedhal Aziz Mahdi	University of Fallujah University of Baghdad
5.	The Impact of Strategic Analysis on the Quality Classification of Iraqi Colleges in Achieving Some Requirements for Quality Standards and Academic Accreditation: An Applied Study at the College of Administration and Economics, University of Diyala	Sajjad Khalaf Hussein Ali Haider Shaker Nouri Mahmood Hasan Jumaah	University of Aliraqia University of Diyala
6.	The impact of social marketing practices in promoting digital etiquette: a descriptive and analytical study on a sample of Fallujah University students	Ahmed Abbas Hammadi Reham Moatasem Hamza	University of Al-Fallujah

7.	The Moderate Role of Digital Transformation in the Relationship Between Internal Audit Quality and Financial Reporting Quality An Analytical Study of Iraqi Banks	Khalid Hamad Jasim Al-Shaikh Mohammed abd ahmed Estabraq Mahmood Jarall	University of Fallujah Al-Ma'mun University Ministry of Education
8.	Financial stability and its impact on enhancing confidence in the banking system amid digital transformation in Iraq for the period 2004-2022	Dr. Manar Sami Hamid Abbas Al-Jumaili	University of Fallujah
9.	The Use of Artificial Intelligence in Improving the Quality of Academic Research in the Field of Marketing Management	Dr. Mohammad Mahmood Al-Mulla Hasan Yassir Mohammed Ibrehim Rafal Mahmood Jasim	University of Mosul
10.	The Impact of Digital Transformation on the Financial Performance of Banks: An Applied Study on a Sample of Commercial Banks Listed on the Iraq Stock Exchange	Saadallah mohammed Obaid AL Nuaimi Methaq Noaman Hammood Abdul Razaq Kh. Hasan	University of Kirkuk University of Kirkuk Northern Technical University
11.	The dynamic relationship between macroeconomic policies, financial stability, and sustainable development after 2003	Monther.H. Alewi Muayid .k.zaydan Ahmed .a.hassen Safaa .k salim Khalid R. Awad	University of Fallujah University of Fallujah University of aliraqi Ministry of Education University of Fallujah
12.	Digital Footprint and Its Impact on Improving Customer Experience: An Exploratory Study of a Sample of Internet Companies in in Nineveh Governorate	Dr. Abdul Sattar Salim Awadh Al – Jubory Saif Khalid Zakaria Dr. Mohammad Mahmood Al-Mulla Hasan	University of Kirkuk University of Mosul University of Mosul

Fourth Session: Administration & Economic Session

(Hall 4) Time: 10:20 – 12:00

Chairman: Prof. Dr. Wisam Ali (University of Fallujah)		Assistant Chairman: Dr. Hanan Shahin (University of Fallujah)	
No.	Research Title	Author's Name/s	Affiliation
1.	Sustainable Banking Efficiency in Iraq - An Exploratory Study on Digital Transformation	Ali Haitham Sufer Layla Abed Jasim Adel Mansour Fadhel Osama Jabbar Musleh Nibras Mohammed Abbas	University of aliraqia
		Aslam obead salah Khalid Rokan Awad	University of Fallujah
2.	Smart Government Applications and their Role in Process Redesign: An Applied Study in the Industrial Sector	Basma M. Hamad Fatimah Hussein Kazim Zainab Abd Ulrazzaq Abood	Babylon University
3.	The Effectiveness of Gold as a Hedging Tool against Dollar Risks and Systemic Crises in International Investment Portfolios	Aysar Y. Fahad Noor Abdul Razaq Abdul Wahaab Khaleel Mohammad Shehab Al-Juboori Ali Haitham Sufer Khalid Rokan Awad	University of aliraqia University of aliraqia University of fallujah
4.	The role of marketing flexibility in strategic agility: in several small and medium-sized enterprises	Sarah Ali Saeed Alameri Alaa Abdulkareem Ghaleb Almado Basheer Ismail Mahmood Saba Noori Alhamdany	University of Baghdad University of Baghdad University of Baghdad University of Fallujah
5.	Smart governance and its role in achieving digital transformation requirements: A survey study in selected Iraqi universities	Assistant Lecturer: Ahmed Majeed Ghareeb Assistant Lecturer: Muhamed Khamis Sami Lecturer: Yousif Obed Hama Amin Prof. Dr: Younis M. Kh. Al-Sabaawe prof. Dr : Ahmed Abbas Hammadi Assistant Lecturer: Sara Hamid Diab	University of Fallujah University of Fallujah University of Human Development University of Kirkuk University of Fallujah University of Fallujah

6.	The Impact of Artificial Intelligence in Enabling Digital Innovation/ The Mediating Role of Digital Transformation: A Survey Study Opinions of a Sample for Faculty Members at University of Ninevah	MOHAMMED TALLAL MOHAMMED Raghad Osama Jarallah MOATASEM HOOD M. SALIH Adel Mohammed Abdullah Nizar Siddiq AL-Kahwaji WSAM HASAN FATHI	Ninevah University Ninevah University Ninevah University University of Mosul University of Mosul Ninevah University
7.	GARCH-Based Analysis of Stock Price Volatility and Its Role in Auditing the Going Concern Assumption under ISA 570: A Case Study of Al-Taif Islamic Bank in Iraq	Nazar Maan Abdul Kareem Arshad Hameed Hasan Shaymaa Mohammed Ahmed	University of Diyala
8.	The Role of Smart Manufacturing in Supporting Production Flexibility in Light of Market and Demand Fluctuations	Assistant Prof Dr.Raafat Assi Hussein Assistant Prof Dr. Nashwan Mohammed Abdulaali Assistant Prof Dr. Shahla Salem Khalil Assistant Prof Dr.Wijdan Hasan Hamood	Northern Technical University Northern Technical University Northern Technical University Northern Technical University
9.	The Future of the Local Currency (the Iraqi Dinar in Light of the New Digital Transformation	Asst. Prof. Dr. Ahmed Abass Abdullah Asst. Prof. Dr. Kawthar Mohammed Dahim M.M. Zeina Kamal Taha Mahmoud	University of Fallujah University of Wasit University of Anbar
10.	The Impact of Institutional Cultural Intelligence on Promoting Digital Transformation and Smart Governance: An Analytical Study at the Central Bank of Iraq	Wesam Ali Husein Osama Ahmad Eida	University of Fallujah



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