

الحصاد الثقافي لكرسي أبحاث الذكاء الاصطناعي في الرعاية الصحية

الأبحاث المنشورة:

Title	Journal	Q	Citation	Link
Computer-aided diagnosis for breast cancer classification using deep neural networks and transfer learning.	Computer Methods and Programs in Biomedicine	Q1	16	https://www.sciencedirect.com/science/article/pii/S0169260722003339
Computer-Aided Diagnosis of Coal Workers' Pneumoconiosis in Chest X-ray Radiographs Using Machine Learning: A Systematic Literature Review.	International Journal of Environmental Research and Public Health	Q1	15	https://www.mdpi.com/1660-4601/19/11/6439
Breast Cancer Classification by Using Multi-Headed Convolutional Neural Network Modeling	healthcare	Q2	1	https://www.mdpi.com/2227-9032/10/12/2367
Artificial intelligence-based fuzzy logic systems for predicting radiation protection awareness levels among university population	Radiation Physics and Chemistry	Q2	-	https://www.sciencedirect.com/science/article/abs/pii/S0969806X23001330
Ilipo-pseaac: Identification of lipoylation sites using statistical moments and general pseaac	Computers, Materials and Continua	Q2	11	https://www.10.32604/cmc.2022.021849
DeepBreastCancerNet: A Novel Deep Learning Model for Breast Cancer Detection Using Ultrasound Images	Applied Sciences	Q2	21	https://www.mdpi.com/2076-3417/13/4/2082
A fuzzy inference-based decision support system for disease diagnosis	The Computer Journal	Q2	8	https://academic.oup.com/comjnl/article-abstract/66/9/2169/6603446

A closer look at the current knowledge and prospects of artificial intelligence integration in dentistry practice: A cross-sectional study	Heliyon	Q2	4	https://www.cell.com/heliyon/pdf/S2405-8440(23)04297-4.pdf
Artificial intelligence-based fuzzy logic systems for predicting radiation protection awareness levels among university population	Radiation Physics and Chemistry	Q2	1	https://www.sciencedirect.com/science/article/pii/S0969806X23001330
Monkeypox genome mutation analysis using a timeseries model based on long short-term memory	Plos one	Q2	1	https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0290045
Multi-Method Analysis of Histopathological Image for Early Diagnosis of Oral Squamous Cell Carcinoma Using Deep Learning and Hybrid Techniques	Cancers	Q2		https://www.mdpi.com/2072-6694/15/21/5247

• تطوير و ترجمة كتاب.

ل دعم المعرفة العلمية على الصعيد المحلي والدولي فقد شارك الكرسي بالتعاون مع سدايا و هواوي و اليونيسكو في تطوير و ترجمة كتاب هواوي الذكاء الاصطناعي الى العربية. و ما زال العمل جاري على ترجمة الكتاب.

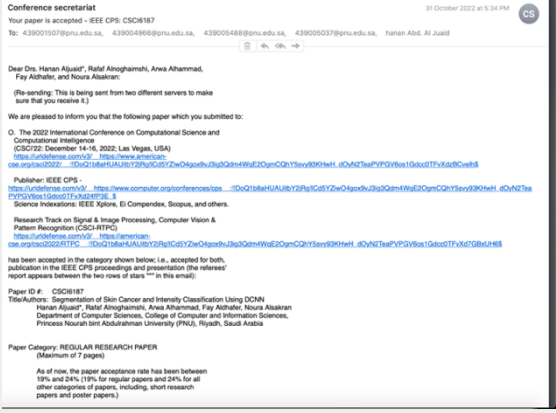
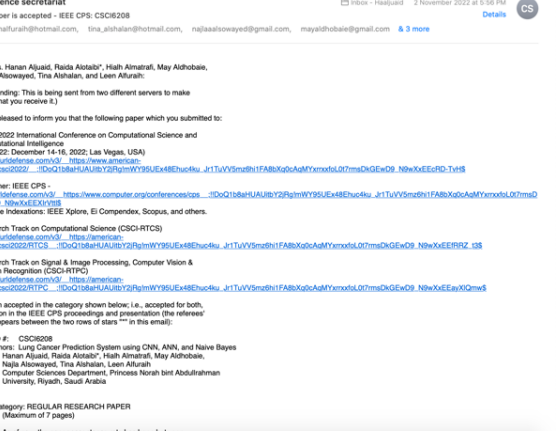
• تسجيل براءات اختراع.


بالتعاون مع مركز الابتكار في الجامعة سعى الكرسي لتسجيل عدد من براءات اختراع و حقوق مؤلف باسم جامعة الاميرة نورة بنت عبد الرحمن و هي تحت الاجراء الى الان.

و هي: ١- بصر الكفيف ٢- تصور المشاهد الافتراضية

• المؤتمرات

تواجد الكرسي في عدد من المؤتمرات الدولية بالتعاون مع مبادرة محمد و نورة العقيل لدعم المؤتمرات و قد شارك في المؤتمرات التالية:

عنوان الورقة	اسم المؤتمر	المكان	النشر	خطاب القبول
<p>Segmentation of Skin Cancer and Intensity Classification Using DCNN</p>	<p>Publisher: IEEE CPS</p>	<p>Las Vegas, USA</p>	<p>The 21st International Conference on Scientific Computing (CSC'23: July 24-27, 2023; Las Vegas, (USA)</p>	
<p>Lung Cancer Prediction system using CNN,ANN ,And naive bayes</p>	<p>Publisher: IEEE CPS</p>	<p>Las Vegas, USA</p>	<p>9th Annual Conf. on Computational Science & Computational Intelligence (CSCI'22)</p>	

<p style="text-align: center;">Acceptance Letter</p> <p>Paper Title: Recognizing Facial Expression in Occluded Images via Convolutional Neural Networks</p> <p>Authors: Basmah Alnasair, Hana Aljuaid</p> <p>Paper ID: ITAR_62943</p> <p>Greetings from ICWSNUCA-22!!!</p> <p>We are glad to inform you that your abstract titled "Recognizing Facial Expression in Occluded Images via Convolutional Neural Networks" with paper id ITAR_62943 got selected by double blind peer review process for an Oral Presentation in the "INTERNATIONAL CONFERENCE ON WIRELESS SENSOR NETWORKS, UBIQUITOUS COMPUTING AND APPLICATIONS (ICWSNUCA-22)" which will be held on Cannes, France 7th December 2022.</p> <p>We invite you to the conference which will add great value indeed.</p> <p>For Registration: https://itar.in/conf/registration.php?id=1588196</p> <p>Secure your slot by proceeding with registration process immediately.</p> <p>Kindly let us know about the acceptance of your participation in the conference as soon as possible, so that we can proceed with the confirmation.</p> <p>Thank you very much, and we hope to receive your favorable response soon.</p> <p>Regards,  Sonali Gupta Program Manager</p> <p style="text-align: right;">Institute for Technical and Academic Research (ITAR) Mail id: itar@itar.in Web: www.itar.in Contact: +91 8242474094</p>		Cannes, France	INTERNATIONAL CONFERENCE ON WIRELESS SENSOR NETWORKS, UBIQUITOUS COMPUTING AND APPLICATIONS (ICWSNUCA-22)	Recognizing Facial Expression in Occluded Images via Convolutional Neural Networks
<p>Dear Author(s):</p> <p>I am pleased to inform you that the following poster which you have submitted to the 2023 International Conference on Advances in Computing Research (ACR'23), May 8-10, 2023, Orlando, Florida, USA, has been accepted. Its abstract will appear in the conference proceedings, Springer Book Series: Lecture Notes in Networks and Systems (LNNS), provided you register and present your poster either virtually or in person. If you register after March 15, we cannot guarantee your Poster Abstract will be included in the book.</p> <p>The Corresponding Author or the author who registers can download the e-Book Conference Proceedings from Springer's website when they are available. The link will be available on ACR'23 website. You will be notified when it is available. The Corresponding Author should insert an ** at the end of their name.</p> <p>POSTER ID #: ACR 4709</p> <p>POSTER TITLE: SMART PRODUCT RECOMMENDATION SYSTEM</p> <p>The "poster ID #" shown above includes the conference prefix followed by four digits. You will need this "Poster ID #" at the time of registration.</p> <p>Please make sure the email addresses of all authors are valid to avoid rejecting the poster by Springer.</p> <p>PUBLISHER Springer Book Series: Lecture Notes in Networks and Systems (LNNS) Title: Advances in Computing Research https://www.springer.com/series/15179</p> <p>INDEXATION Springer Book Series: Lecture Notes in Networks and Systems (LNNS) is indexed by SCOPUS, DBLP, INSPEC, Norwegian Register for Scientific Journals and Series, SCImago, WTI Frankfurt eG, and zbMATH.</p> <p>NOTE The Organization Committee is allowing ZOOM presentation for authors who cannot physically attend. All accepted and registered papers/posters must be presented (through ZOOM or in-person) to be included in the proceedings book. Please email Abeer Alsadoon (alsadoon.abeer@gmail.com) indicating whether you will present using ZOOM or in-person at the venue in Orlando, Florida.</p> <p>CONSENT TO PUBLISH: The Consent To Publish (CTP) is attached with this email. Springer requires you to fill out the top with your name, address, email, and SIGN and date the CTP form. Digital signatures are not allowed. Delaying this will delay publishing the Proceedings book by Springer. Please email the CTP to Abeer Alsadoon (alsadoon.abeer@gmail.com) by March 15 after you register. Please name your CTP file as PosterID-CTP.docx or PosterID-CTP.pdf. For example, ACR3456-CTP.docx or ACR3456-CTP.pdf.</p>	pringer Book Series: Lecture Notes in Networks and Systems (LNNS)	Orlando, Florida, USA	2023 International Conference on Advances in Computing Research (ACR'23)	SMART PRODUCT RECOMMENDATION SYSTEM
<p>Dear Author(s):</p> <p>I am pleased to inform you that the following poster which you have submitted to the 2023 International Conference on Advances in Computing Research (ACR'23), May 8-10, 2023, Orlando, Florida, USA, has been accepted. Its abstract will appear in the conference proceedings, Springer Book Series: Lecture Notes in Networks and Systems (LNNS), provided you register and present your poster either virtually or in person. If you register after March 15, we cannot guarantee your Poster Abstract will be included in the book.</p> <p>The Corresponding Author or the author who registers can download the e-Book Conference Proceedings from Springer's website when they are available. The link will be available on ACR'23 website. You will be notified when it is available. The Corresponding Author should insert an ** at the end of their name.</p> <p>POSTER ID #: ACR 435</p> <p>POSTER TITLE: Detection & Prediction of Epileptic Seizures Using Machine Learning Model</p> <p>The "poster ID #" shown above includes the conference prefix followed by four digits. You will need this "Poster ID #" at the time of registration.</p> <p>Please make sure the email addresses of all authors are valid to avoid rejecting the poster by Springer.</p> <p>PUBLISHER Springer Book Series: Lecture Notes in Networks and Systems (LNNS) Title: Advances in Computing Research https://www.springer.com/series/15179</p> <p>INDEXATION Springer Book Series: Lecture Notes in Networks and Systems (LNNS) is indexed by SCOPUS, DBLP, INSPEC, Norwegian Register for Scientific Journals and Series, SCImago, WTI Frankfurt eG, and zbMATH.</p> <p>NOTE The Organization Committee is allowing ZOOM presentation for authors who cannot physically attend. All accepted and registered papers/posters must be presented (through ZOOM or in-person) to be included in the proceedings book. Please email Abeer Alsadoon (alsadoon.abeer@gmail.com) indicating whether you will present using ZOOM or in-person at the venue in Orlando, Florida.</p> <p>CONSENT TO PUBLISH: The Consent To Publish (CTP) is attached with this email. Springer requires you to fill out the top with your name, address, email, and SIGN and date the CTP form. Digital signatures are not allowed. Delaying this will delay publishing the Proceedings book by Springer. Please email the CTP to Abeer Alsadoon (alsadoon.abeer@gmail.com) by March 15 after you register. Please name your CTP file as PosterID-CTP.docx or PosterID-CTP.pdf. For example, ACR3456-CTP.docx or ACR3456-CTP.pdf.</p>	pringer Book Series: Lecture Notes in Networks and Systems (LNNS)	Orlando, Florida, USA	2023 International Conference on Advances in Computing Research (ACR'23)	Detection & Prediction of Epileptic Seizures Using Machine Learning Model

Seminar العنوان	Speaker المتحدث	Date التاريخ	Attendance عدد الحضور
AI in healthcare Research Chair	Dr. Hanan Aljuaid	Thursday 6/10/2022 12-1 ksa	89
Network Science techniques used on different application domains.	Dr. Lucia Cavallaro	Monday 17/10/2022 3-4 ksa	30
النشر العلمي في المجلات الرصينة	Prof. Heba Kourdi	Monday 12/12/2022 12-2 ksa	31

• ورش العمل

Workshop العنوان	Speaker المتحدث	Date التاريخ	Attendance عدد الحضور
Overleaf (collaborative cloud-based LaTeX editor)	Dr. Lucia Cavallaro	Monday 12-2 ksa	15
Scientific research skills	Dr Ahmad Meshal	Monday 31/10/2022 12-5 ksa	10
Computer Vision and	Dr Duaa	Monday 7/11/2022	9

Image Processing		10-1 ksa	
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عدد الحضور	المكان	التاريخ	المدرّب/المحاضر	المواضيع
جماهيرية	عن بعد	٢٠٢٤/٢/٥	د. حنان الجعيد (أستاذ الذكاء الاصطناعي المشارك - جامعة الاميرة نورة بنت عبدالرحمن)	الذكاء الاصطناعي التوليدي
جماهيرية	عن بعد	21 to 26 January 2024 Total duration: 10 hours	د. كاشيش (أستاذ علوم الحاسب المساعد جامعة الاميرة نورة بنت عبدالرحمن)	Applications of NLP in .healthcare
جماهيرية	عن بعد	اول اسبوع في فبراير 2024	د. نور زهراء (أستاذ علوم الحاسب المساعد جامعة الاميرة نورة)	Robotics and IoT with Arduino
جماهيرية	عن بعد	لقاء اسبوعي (كل اربعاء خلال شهر يونيو) 2024 الوقت ٧-١٠م	د. نور زهراء (أستاذ علوم الحاسب المساعد جامعة الاميرة نورة)	Mathematical tools in medical imaging
٢٠	عن بعد	Sunday 5 November 2023	د. محمد عاصم ا. مهران	Multi-Method Analysis Of Histopathological Image For Early Diagnosis Of Oral Squamous Cell Carcinoma Using Deep Learning And Hybrid Techniques

دورة مبادئ و اساسيات الذكاء الاصطناعي	م. ريداء العتيبي	الاحد ٢٠٢٣/٩/١٧	حضورى لمركز الرواء العلمى للتدريب	٣٠
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الاتصال العلمى وخدمة المجتمع لعام ٢٠٢٤ :

١. بالتعاون بين كرسي ابحاث الذكاء الاصطناعي فى الرعاية الصحية ومركز الرواء العلمى للتدريب، قدم الكرسي دورة تعريفية بالذكاء الاصطناعي والتي تستهدف فئات المجتمع لنشر ثقافة الذكاء الاصطناعي وتطبيقاته.
٢. بدأ الكرسي فى اجراءات تسجيل براءة الاختراع الثانية الناتجة من مشاريع الكرسي لحفظ حقوق الملكية لها باسم جامعة الأميرة نوره بنت عبد الرحمن عن طريق مركز الريادة و الابتكار بالجامعة.
٣. عقد ورشة عمل لتوضيح وعرض الورقة المنشورة بعنوان **Multi-Method Analysis Of Histopathological Image For Early Diagnosis Of Oral Squamous Cell Carcinoma Using Deep Learning And Hybrid Techniques**
٤. شارك فى اللقاء الاول للمبادرة العالمية للذكاء الاصطناعي لأغراض الصحة المنظم من مدينة الملك عبد العزيز للعلوم والتقنية وبالشراكة مع منظمة الصحة العالمية والاتحاد الدولى للاتصالات والمنظمة العالمية للملكية الفكرية.
٥. عقد اتفاهيه لتنفيذ مبادرة التحول الرقمى مع ماجد للتنمية الاجتماعية، حيث نظم الكرسي مجموعه من ورش العمل بالتعاون مع جمعية ماجد للتنمية الاجتماعية.
٦. عقد مجموعة من جلسات الحوار لأعضاء الكرسي بقيادة أستاذ الكرسي و مستشفى الملك عبد الله الجامعي بقيادة الدكتور محمد الحربي حول مشروع بحثي للتعرف علي امراض وتشوهات الصدر المختلفة.
٧. عقد اول اجتماع للهيئة العلمية للكرسي يوم الخميس الموافق ٢٠٢٤/١/١٨.
٨. تقديم ورشة عمل بعنوان البايثون لعدد ٢٠٠ مستفيد بالتعاون مع جمعية ماجد للتنمية.
٩. العمل على وضع سياسات استخدام **AI Lab** للمستفيدين من معمل الذكاء الاصطناعي لكرسي الذكاء الاصطناعي فى الرعاية الصحية.
١٠. لقاء لعرض نتائج لمشاريع الكرسي المشتركة مع مستشفى الملك عبد الله بن عبدالعزيز الجامعي امام المشرف العام للإدارة الصحية ا.د. ناصر الصانع.
١١. فوز الكرسي بتمويل بمبلغ ٤ مليون ريال من هيئة البحث والتطوير والابتكار لمدة ٤ سنوات.
١٢. المشاركة فى الفعالية المقدم من جامعة الملك عبد الله للعلوم والتقنية و هي جلسات نقاش و مجموعة عمل لتسريع التأثير الثالثة لبرنامج KICP.