



Assistant Professor

Hiba Jabbar Aleqabie

Head of Department

Artificial Intelligence Engineering Department - Engineering and Information Technology

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Academic Degree

Academic Degree: PhD

Granting University: Babylon University

General Specialization: -

Exact Specialization: -

Faculty Academic Experience

- Head of Department, Architecture, July 2025 - January 2026 at Al Zahraa University for Women, Responsible for overall department administration, academic program development, faculty mentorship, research oversight, and strategic planning to enhance educational excellence.
- Head of Department, Artificial Intelligence Engineering – Since 2023 at Al Zahraa University for Women, Leading departmental operations, managing faculty and staff, developing AI-focused curricula, promoting research initiatives, and fostering collaborations with industry and academic partners.
- Head of Postgraduate Studies Division – 2020 to 2022, at Kerbala University, College of Computer Science and Information Technology Oversaw the postgraduate programs, managed student admissions and academic progress, coordinated with faculty members, and ensured the quality and standards of postgraduate education.
- Postgraduate Course Instructor – 2020 to 2022 at Kerbala University, College of Computer Science and Information Technology Designed and delivered advanced courses for postgraduate students, supervised theses, and coordinated academic assessments and examinations.
- Faculty Member – Since 2007 at Kerbala University, College of Computer Science and Information Technology Teaching undergraduate and postgraduate courses, supervising student projects, participating in curriculum development, and contributing to departmental academic activities.

Scientific Research, Books & Publications

Authors	Title	Publication	Volume	Number	Pages	Year
Abdalameer, Nada. Hiba Jabbar Aleqabie;	Sentiment Analysis in Arabic Social Media: Optimized Performance through CNN-LSTM and BERT	Journal of Kerbala University		22	261-71	2025
Aleqabie, Hiba J; Ali, Zakariya Hussein;	Hybrid BERT-LSTM Model for Emotion Detection in Iraqi Arabic Text	2025 International Conference on Computer Science and Software Engineering (CSASE)			6-Jan	2025
Aleqabie, Hiba J; Raheem, Heba Adnan; Sfoq, Mais Saad;	Deep Learning for Early Cancer Detection: Insights from Lung and Colon Cancer Model Performance	2025 3rd International Conference on Business Analytics for Technology and Security (ICBATS)			5-Jan	2025

Aleqabie, Hiba Jabbar;	Image Tag Generation Based on Deep Features Using Deep Learning Techniques , A Comparative Analysis of Data Mining Techniques for Fault Detection and Diagnosis	Fusion: Practice and Applications	21			2025
Aleqabie, Hiba Jabbar; Raheem, Heba Adnan; Hakeem, Zahraa Shihab Al; Kadhim, Rusul;	Age Stage Prediction Using Light Convolution Neural Network	2024 10th International Engineering Conference on Advances in Computer and Civil Engineering (IEC)				2025
Safiq, Mais Saad; Al-Shakarchy, Noor D; Aleqabie, Hiba J;	An Advanced Study on the Recognition of Coronavirus Disease (COVID-19) Using Deep Learning Network	Iraqi Journal of Science		2935-2947		2025
Abdulmunem, Ashwan A; Abutiheen, Zinah Abulridha; Aleqabie, Hiba J;	A Review Of Text Mining Techniques: Trends, and Applications In Various Domains	Recent Updates in Disease and Health Research Vol. 1		140-156		2024
Aleqabie, H.J. , Sfoq, M.S. , Albeer, R.A.;	Emotion detection in arabic text in social media: A brief survey	Iraqi Journal for Computer Science and Mathematics				2024
Ali, Zakaria H; Aleqabie, Hiba J;	Cyberbullying classification and detection in Twitter using data mining techniques	Al-Furat Journal of Innovations in Electronics and Computer Engineering	3	2412-421		2024
Hussein, Fatima Nadi_Ali;	An information technology-based online management system of orphans for humanitarian assistance and care in Iraq	University of Kerbala				2024
Aleqabie, Hiba J; Safiq, Mais Saad; Shareef, Inas R; Abdulwahid, Hala J; Mohammed, Mohammed Khairi; Hadi, Aliaa Ayoob;	Twitter Cyberbullying detection based on feature extraction and graph representation	AIP Conference Proceedings	2591	1	30010	2023
Aleqabie, Hiba Jabbar;	Cyberbullying Detection on Social Media: A Brief Survey	Journal of Kerbala University	20	2		2023
Hussein, Fatima N Ali; Aleqabie, Hiba J;	TEXT-IMAGE SENTIMENTANALYSIS IN SOCIAL NETWORKS USING DEEP LEARNING TECHNIQUE	2023 Second International Conference on Advanced Computer Applications (ACA)			6-Jan	2023
Mustafa, Dunya Jasim Mohammed;	An improved Bi-LSTM performance using DWE for implicit aspect extraction	Doctoral dissertation				2023
Al-Janabi, Omar Mustafa; Ibrahim, Mohammed K; Kanaan-Jebna, Abdulkarim; Alyasiri, Osamah Mohammed; Aleqabie, Hiba J;	The enrichment of MVSA twitter data via caption-generated label using sentiment analysis	2022 International Conference on Data Science and Intelligent Computing (ICDSIC)			14-19	2022
Mohammed, Dunya Jasim; Aleqabie, Hiba J;	Context-based visual sentiment analysis for social media data	2022 Iraqi international conference on communication and information technologies (IICCIT)			322-327	2022
Mohammed, Dunya Jasim; Aleqabie, Hiba J;	Automatic Summarization of YouTube Video	2022 International Conference on Artificial Intelligence of Things (ICAIoT)			5-Jan	2022
Rand Abdulwahid Albeer, Huda F. AL-Shahad, Hiba J. Aleqabie, Noor D. Al-shakarchy;	Transcription text using Term Frequency-Inverse Document Frequency	Indonesian Journal of Electrical Engineering and Computer Science	26	3		2022
Abdulmunem, Ashwan A; Abutiheen, Zinah Abulridha; Aleqabie, Hiba J;	Recognition of Corona virus disease (COVID-19) using deep learning network.	International Journal of Electrical & Computer Engineering (2088-8708)	11	1		2020
Aleqabie, Hiba J; Safiq, Mais Saad; Shareef, Inas R; Alsabah, Ruaa; Abd, Enaam Hadi;	Sentiment analysis for movie reviews using embedding words with semantic orientation	8th International Conference on Applied Science and Technology (ICAST) 15th – 16th April 2020	2290	1	40024	2020
Alrumaih, Abdulrahman; Alsabah, Ruaa; Aleqabie, Hiba J; Mjhoor, Ahmed Yaseen; Al-Sabbagh, Ali; Baldwin, James;	Analyzing user behavior and sentimental in computer mediated communication	International Conference on Image Processing and Capsule Networks			287-298	2020
Chen, Joy long-Zong; Tavares, João Manuel RS; Shakya, Subarna; Iliyasa, Abdullah M;	Image Processing and Capsule Networks: ICIPCN 2020					2020
Al-Sultany, Ghaidaa A; Aleqabie, Hiba J;	Enriching tweets for topic modeling via linking to the wikipedia	Int J Eng Technol	8		15144-150	2019

Al-Sultany, Ghaidaa A; Aleqabie, Hiba J;	Events tagging in twitter using twitter latent Dirichlet allocation	Int. J. Eng. Technol	8	1.5503-508	2019
Huda F. Al- Shahad and Hiba J. Aleqabie Inas R. Shareef , Noor D. Al- Shakarchy , Enaam Hadi Abd, Dhamyaa A. Al- Nasrawi;	New Cryptographic System of Romanized Arabic Text Based on Modified Playfiar	Journal of Engineering and Applied Sciences	14	41331-1338	2019
Al-Shakarchy, Noor Dhia Kadhm; Al-Eqabie, Hiba Jabbar; Al-Shahad, Huda Fawzi;	Classical Image Encryption and Decryption	International Journal of Science and Research (IJSR), International Journal of Science and Research (IJSR)• October			2014
AL-EQABIE, HIBA JABBAR;	Recognition of Primary Geometric Shapes Using Image Segmentation and Blobs				2013
Nasralla, Zaid H; Aleqabie, Hiba Jebbar; Thamer, Zahraa;	Design and implementation of Karbala real estate information system	J. Kerbala Univ	1	240-248	2013
Abd, Enaam H; Abdulwahed, Hiba J; Mohammed, HussamaA;	The Use Of Discrete Cosine Transformation (DCT) In Information HidingProcess	journal of kerbala university	10	1	2012
Aleqabi, Hiba Jabbar Abdulwahid;	" A Hybrid approach for Image Segmentation"" روصلا عرطقترلة نجهمة برلا	Journal of Kerbala University	10	2	2012
Aleqabie, LA Hiba Jebbar;	Implementation of Information Hiding Detector Using Wavelet Transformation (Steganalysis)	Journal of Kerbala University	8	1	2010
Mohammed, Marwah S; Farhan, Hameed R; Kod, Muayad S; Abbood, Elaf Ali; Al-Assadi, Tawfiq A; Bi-LSTM, An Improved; Al-Janabi, Omar Mustafa; Ibrahim, Mohammed K; Kanaan-Jebna, Abdulkarim; Alyasiri, Osamah Mohammed;	Computing (ICDSIC 2022), Kerbala University, Kerbala-Iraq				