



ABDELMOTY M. AHMED



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PROFILE

A high quality and motivated teacher with 20 years of teaching experience. Committed to directing students and inspiring an irresistible desire to learn, with an emphasis on research and development assignments, and working honestly in the field of educational quality and evaluation.

His research interests include Digital image processing, Artificial intelligent, pattern recognition, Computer Graphics, machine learning ,Deep Learning , Intelligence Systems Engineering , Computer Vision and IOT systems.

He worked as a lecturer , Assist. Prof. in the Department of Computer Engineering at the College of Computer Science, **King Khalid University, Abha, Saudi Arabia**, and worked as an assistant professor in the College of Computer Science, **Al-Nahda University in Beni Suef, Egypt**, and holed the position of Vice Dean there. Currently associated with work at **National Ajloun University, Jordan** He is also interested in researching the technical fields that serve deaf and dumb and also works in the automatic translation of the Arabic Sign Language. He is having 20 years of teaching and research experience at various reputed Universities of Egypt and Saudi Arabia. He has published more research articles in reputed SCI and Scopus indexed journals and conferences.

Personal Data

Date of birth: Apr,12nd, 1978
Marital status: Married
Nationality: Egyptian

EDUCATION

- ◆ **PH.D** – Systems and Computers Engineering ,Faculty of Engineering , Al-Azhar University, Cairo, Egypt (2021)
Major: Systems and Computers Engineering
Specialization: Artificial Intelligent and Computer vision
- ◆ **Master** -Systems and Computers Engineering ,Faculty of Engineering , Al-Azhar University, Cairo, Egypt (2008)
Major: Systems and Computers Engineering
- ◆ **Bachelor** - Systems and Computers Engineering ,Faculty of Engineering , Al-Azhar University, Cairo, Egypt (2003).

WORK EXPERIENCE

- Acting Vice Dean of the Faculty of Computer Science, Nahda University - Beni Suef – Egypt (Jan,2024-Oct,2024)
- Head of Quality Assurance unit in Faculty of Computer Science, Nahda University - Beni Suef – Egypt(Sep,2023-Jan,2024)
- Assistant professor- Faculty of Computer Science, Nahda University - Beni Suef – Egypt(sep,2023-oct,2024)
- Supervising student graduation projects. Faculty of Computer Science, Nahda University - Beni Suef
- Consultant to the Head of the Regional Training Sector for Water Resources and Irrigation - 6th of October City - Egypt (Part-time2024)
- Trainer at the Regional Training Center for Water Resources and Irrigation- 6th of October City - Egypt(Part-time2024)
- Supervising student graduation projects. Arab Academy for Science, Technology, and Maritime Transport (AAST) -College of Computer Engineering – Egypt
- Assistant professor- King Khalid University “KKU”, Faculty of Computer science, ABAHA City – Saudi Arabia (2021 to 2023)
- Supervisor of the Measurement and Evaluation Unit at the College of Computer Science-King Khalid University ,ABAHA City – Saudi Arabia
- Member of the Plans and Curriculum Committee, College of Computer Science--King Khalid University ,ABAHA City – Saudi Arabia
- Coordinator of the Study Committee for the Applied Diploma in the College of Computer Science-King Khalid University ,ABAHA City – Saudi Arabia
- Co-supervisor of the FUNDED RESEARCH PROJECTS supported by Deanship of Scientific Research King Khalid University, KSA .(13 project)



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WORK RESPONSIBILITIES

- **Participated in many quality accreditations in the places he worked**
 - A. International: ABET evaluation visit for the College of Computer Science, King Khalid University
 - B. National : National Commission for Academic Accreditation and Assessment (NCAAA) for the College of Computer Science, King Khalid University
 - C. National : National Commission for The National Authority for Quality Assurance and Accreditation of Education "NAQAEE" for the Faculty of Computer Science, Nahda University - Beni Suef - Egypt
- **Evaluates faculty course files (Learning domains, Learning skills, Course learning outcomes, Course assessments, CLO Measurement and analysis, Course Plan)**
- **Served as a Member of Postgraduate Studies , Scientific Research Committee, projects ,Training ,Exam, Time Table, Students Advisory, Community Service and Computer Labs management committees**
- **He has worked as a coordinator for several courses such as Intelligent Systems, Engineering Mathematics, Graphical Programming, Computer Networks, Computer Organization and Design, and Computer Programming Using Python,**
- **Giving more than 300 training hours in extra-curricular and community service activities**

CONTINUED WORK EXPERIENCE

- Contributing to the establishment of more than one lab within the College of Computer Science over a period of 12 years--King Khalid University ,ABAHA City – Saudi Arabia
- Consultant to the Vice-President of King Khalid University for Graduate Studies and Scientific Research from 1/10/2018 until 30/09/2020 -King Khalid University ,ABAHA City – Saudi Arabia
- Member of department Quality Committee-King Khalid University ,ABAHA City – Saudi Arabia
- Member of department ABET Committee-King Khalid University ,ABAHA City – Saudi Arabia
- Member of college level recruitment committee-King Khalid University ,ABAHA City – Saudi Arabia
- Member of department NCAAA Committee-King Khalid University ,ABAHA City – Saudi Arabia
- Member of college level purchase committee-King Khalid University ,ABAHA City – Saudi Arabia
- Assistant Head of Quality Assurance unit in Faculty of Computer science in 1431-1433H
- Chairman for department exam committee-King Khalid University ,ABAHA City – Saudi Arabia
- Member of Automated correction of the official questionnaires Committee in the Deanship of Academic development and Quality at King Khalid University over 4 years
- Member of the Technical Committee for laboratories at King Khalid University 1432-1433H
- Consultant to the President of King Khalid University for laboratories requirements from 1/10/2014 till 15/6/2015
- Supervisor of study schedules and exams in Communication and Network Department
- Member of the examination committee of the coefficient at King Khalid University
- Head of Quality Assurance Committee in Communication and Network Department in 1433-1435H
- Member of Laboratories Requirements Committee in Faculty of Computer science
- Member of the Advisory Committee for the undergraduate program supplementary Bridging the Faculty of Computer Science at the University of King Khalid University for the academic year 1433-1434H
- Member of Final Examination committee in Faculty of Computer science
- Supervisor of the Training and Community Service Committee for more than 6 years



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CONTINUED WORK RESPONSIBILITIES

- Working as a trainer for more than 200 middle and high school students in the fields of programming and artificial intelligence
- Worked as a registrar in the Student Registration Office at the Faculty of Computer Science for more than 3 years
- Worked as a trainer for artificial intelligence and machine learning in Python for university students for more than 6 years
- Remote teaching through e-learning platforms during the Corona pandemic(Covid- 19)

AWARDS AND PATENTS

- underwater pollution tracking device international design classification: version: 14-2023 class: 10 clocks and watches and other measuring instruments, checking and signalling instruments subclass: 04 other measuring instruments, apparatus and devices,

[https://www.registered-](https://www.registered-design.service.gov.uk/find/6311027)

[design.service.gov.uk/find/6311027](https://www.registered-design.service.gov.uk/find/6311027)

CONTINUED WORK EXPERIENCE

- Head of Quality Assurance unit in Faculty of Engineering of Egyptian-Russian University
- Executive Director of Development and Quality Deanship of Egyptian-Russian University
- Chairman of the Strategic Plan of the Faculty of Engineering of Egyptian-Russian University
- Supervisor of study schedules and exams in Faculty of Engineering
- Assistant Coordinator of Quality Assurance Unit in Thebes Higher Institute of Engineering,

PROFESSIONAL ACTIVITIES

- Delivering regular interactive lectures and LAB sessions to the under-graduates
- Implementation of policies, strategies and procedures as per University, National and International accreditation body's regulation for effective delivery of teaching programs
- Encouraging learning traits among students using interactive discussions, assessment tools, creative lesson planning, individualized education plans and hands-on approach to help students grasp the subject
- Participating in the development, administration, marking of exams & other assessments and provide one-on-one feedback on academic performance where necessary
- Serving as Quality Assurance committee member while dealing with standards like student learning outcome, student administration and support services
- Conducting research, producing high-quality publications & obtaining research funding from different funding agencies
- Supervision and assistance for undergraduate research projects
- Providing support to students through Students Advisory Committee
- Actively participating in the administration of the department's ,collage's and university different Committees

WEB LINKS OF ONLINE RESEARCH PROFILES

	Google Scholar	https://scholar.google.com/citations?user=2USkF7AAAAAJ&hl=ar
	Research Gate	https://www.researchgate.net/profile/Abdelmoty-Ahmed
	Scopus	www.scopus.com/authorid/detail.uri?authorId=57202438644
	ORCID iD	https://orcid.org/0000-0002-3379-7314
	Publons	https://publons.com/researcher/4814136/abdelmoty-ahmed/
	Academia	https://independent.academia.edu/AbdelmotyAhmed1



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SKILLS

- Project management
- Strong decision
- maker Complex
- problem solver
- Creative design
- Innovative Ability to work under pressure and keeping team work spirit.

Languages

Arabic
English.

CONTINUED PROFESSIONAL ACTIVITIES

- Participated in 15 days training on Applied Deep Learning & Computer Vision in Image & Video Analysis From 24th Jan - 11th Feb 2022 by Edu labs.
- participated in the Saudi Programming (السعودية ترمج) event for a year
- Participated in 10 days training on Artificial Intelligence, Machine Learning and Deep Learning by EduXlabs.
- Training course entitled " Prepare a report for the self-study programs " at the Deanship of Academic Development and Quality at King Khalid University
- Participated in the Webinar of Online Assessment Methods organized by KKU, Saudi Arabia
- Participated in the Webinar of How to transform your problem-solving and calculations' exam from paper-pencil format to blackboard? organized by KKU, Saudi Arabia
- Participated in the Webinar of Conducting Electronic tests and exams using Blackboard organized by KKU, Saudi Arabia on, March 12, 2020
- Participated in Poster Presentation in the 14th Research Day held at King Khalid University, Abha, KSA
- Participated and presented a paper entitled "Exploratory Study on Cloud Based E-Learning in Saudi Arabian Universities" in the 13th Research Day held at King Khalid University, Abha, KSA
- Participated in the online training course of E-Learning Practitioner organized by E-Learning Deanship King Khalid University, KSA during
- Training course entitled "Course Description " in the National Authority for Quality Assurance and Accreditation of Education,
- Training course entitled "program specification" in the National Authority for Quality Assurance and Accreditation of Education,
- Training course entitled "cycle of learning outcomes and curriculum maps" in the National Authority for Quality Assurance and Accreditation of Education,
- Session integrated for "Rehabilitation of faculty members" in National Authority for Quality Assurance and Accreditation of Education
- Training course "Institutional Self-Evaluation for Higher Education" in National Authority for Quality Assurance and Accreditation of Education, February 2010.
- Training course "External Auditors" in National Authority for Quality Assurance and Accreditation of Education.
- Session integrated for "Rehabilitation of the integrated self-study teams preparing for higher education institutions" in the National Authority for Quality Assurance and Accreditation of Education,
- Training course entitled "Strategic Planning" at the Deanship of Academic Development and Quality at King Khalid University
- Member in ACTA SCIENTIFIC COMPUTER SCIENCES REVIEW BOARD
- Training course entitled "Lab VIEW, DAQ ,Vision and Motion Hands-on Introductory Session" at NI (NATIONAL INSTRUMENTS)
- Training course entitled "Quality of Student Assessment" at the Deanship of Academic Development and Quality at King Khalid University in 6-7 Nov 2012
- I completed the training program on VLSI-Based communication Application Design organized by National Telecommunication Institute, Ministry of Communication and Information Technology course held at Arab Academy for Science, Technology (AAST) based on MENTOR GRAFICS tools
- Member of the Organizing Committee of International Scientific summit on Artificial Intelligence and Robotics 23-25 September, 2019 Valencia, Spain
- Member of the Organizing Committee of International Conference on Artificial Intelligence & Machine Learning ,AUGUST 19-20, 2019 | OSAKA, JAPAN
- Member of Editors Board in The International Journal of Chaos, Control, Modelling and Simulation from 2016
- PCAP: Programming Essentials in Python course, provided by Cisco Networking Academy
- Obtaining the certified artificial intelligence project management program certificate



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PUBLICATIONS

- Zhichu, Chen, et al. "Offshore wind farms interfacing using HVAC-HVDC schemes: A review." *Computers and Electrical Engineering* 120 (2024): 109797.
- El-Sofany, H., El-Seoud, S. A., Karam, O. H., Bouallegue, B., & Abdelmoty M. Ahmed. (2024). A proposed secure framework for protecting cloud-based educational systems from hacking. *Egyptian Informatics Journal*, 27, 100505.
- Passent El-kafrawy, Maie Aboghazalah, **Abdelmoty M. Ahmed**, Bouallegue, B, Hanaa Torkey , Ayman El-Sayed,(2022). "Arrhythmia Detection by Using Chaos Theory with Machine Learning Algorithms" *CMC-Computers, Materials & Continua-TSP*
- Gasouma, A., Yusof, K. M.,, Ahmed, A. M., Matter, S. S. (2023). Routing Optimization For Energy Efficiency In Software-defined Iot and Rpl Networks.. <https://doi.org/10.21203/rs.3.rs-3125883/v1>
- Amir Gasouma, Kamaludin Yusof, Belgacem Bouallegue,**Abdelmoty M. Ahmed**, Mahmoud M. Khattab Route Optimization for Energy Efficiency in IoT and Software Defined RPL Heterogeneous Networks, 25 July 2023, PREPRINT (Version 1) available at Research Square .<https://doi.org/10.21203/rs.3.rs-2813981/v1>
- Hany A. AbdElghfar, **Abdelmoty M. Ahmed**, Ali A. Alani, Hammam M. AbdElaal, Belgacem Bouallegue, Mahmoud M. Khattab, Gamal Tharwat, Hassan A. Youness, "A Model for Qur'anic Sign Language Recognition Based on Deep Learning Algorithms", *Journal of Sensors*, vol. 2023, Article ID 9926245, 13 pages, 2023. <https://doi.org/10.1155/2023/9926245>
- Hany A. AbdElghfar, **Abdelmoty M. Ahmed**, Ali A. Alani, Hammam M. AbdElaal, Belgacem Bouallegue, Mahmoud M. Khattab & Hassan A. Youness (2023): QSLRSCNN:Qur'anic sign language recognition system based on convolutional neural networks, *The Imaging Science Journal*, [DOI: 10.1080/13682199.2023.2202576](https://doi.org/10.1080/13682199.2023.2202576)
- Mohamed A. Torad, Belgacem Bouallegue, Mahmoud M. Khattab, **Abdelmoty M. Ahmed**, "Smart Garage Utilizing Internet of Things (IoT)", *Journal of Sensors*, vol. 2022, Article ID 9070683, 11 pages, 2022. <https://doi.org/10.1155/2022/9070683>
- Mohammed Elwan, Ahmed S. Amein, Aiman Mousa, Abdelmoty M. Ahmed, Belgacem Bouallegue, Abdelhameed S. Eltanany, "SAR Image Matching Based on Local Feature Detection and Description Using Convolutional Neural Network", *Security and Communication Networks*, vol. 2022, Article ID 5669069, 14 pages, 2022. <https://doi.org/10.1155/2022/5669069>
- Abdelmoty M. Ahmed, Belgacem Bouallegue, Belgacem Hamdi, Mohsen Machhout, Mouna Bedoui, Mahmoud Moustafa Khattab (2022). "A Secure Hardware implementation for Elliptic Curve Digital Signature Algorithm" *Computer Systems Science and Engineering (CSSE) –TSP*. <http://dx.doi.org/10.32604/csse.2023.026516>
- Akram M Zeki, Mahmoud Moustafa Khattab, Belgacem Bouallegue, Abdelmoty M. Ahmed, Safaa S. Matter, Ali A. Alwan (2022). "A Hybrid Regularization-Based Multi-Frame Super-Resolution Using Bayesian Framework" *Computer Systems Science and Engineering (CSSE) –TSP*. <http://dx.doi.org/10.32604/csse.2023.025251>
- Passent El-kafrawy, Maie Aboghazalah, Abdelmoty M. Ahmed, Hanaa Torkey , Ayman El-Sayed,(2022). "An Efficient Encryption and Compression of Sensed IoT Medical Images Using Auto-encoder" *Computer Modeling in Engineering & Sciences –TSP*-[doi:10.32604/cmescs.2022.021713](https://doi.org/10.32604/cmescs.2022.021713)
- Abdelmoty M. Ahmed., Abo Alez, R., Tharwat, G., Taha, M., Belgacem, B., & Al Moustafa, A. M. (2020). Arabic sign language intelligent translator. *The Imaging Science Journal*, 68(1), 11-23.
- H. M. Abdelaal, Abdelmoty M. Ahmed, W. Ghribi, and H. A. Y. Alansary, "Knowledge Discovery in the Hadith According to the Reliability and Memory of the Reporters Using Machine Learning Techniques," *IEEE Access*, vol. 7, pp. 157741-157755, 2019. <http://dx.doi.org/10.1109/ACCESS.2019.2944118>
- Selvaraj, Siddharthan, Somasundaram Prasadh, Shivkanya Fuloria, Vetriselvan Subramaniyan, Mahendran Sekar, Abdelmoty M. Ahmed, Belgacem Bouallegue, Darnal Hari Kumar, Vipin K. Sharma, Mohammad N.H. Maziz, Kathiresan V. Sathasivam, Dhanalekshmi U. Meenakshi, and Neeraj K. Fuloria. 2022. "COVID-19 Biomedical Plastics Wastes—Challenges and Strategies for Curbing the Environmental Disaster" *Sustainability* 14, no. 11: 6466. <https://doi.org/10.3390/su14116466>
- Yasser A. Elshrief, Amin D. Asham, Belgacem Bouallegue, Abdelmoty Ahmed, Dalal H. Helmi, Belal A. Abozalam, Sameh Abd-Elhaleem,"An innovative hybrid method for islanding detection using fuzzy classifier for different circumstances including NDZ",*Journal of Radiation Research and Applied Sciences*,Volume 15, Issue 2,2022,Pages 129-142,ISSN8507,<https://doi.org/10.1016/j.jrras.2022.04.008>,



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CONTINUED PUBLICATIONS

17. Elshafie, H., Mohamad, H., Kraiem, N., Hamdan, M., Saeed, R. A., & Ahmed, A. M. (2024, July). Quantifying the Availability of TV White Space for Cognitive Radio in Malaysia. In 2024 IEEE 7th International Conference on Advanced Technologies, Signal and Image Processing (ATSIP) (Vol. 1, pp. 644-648). IEEE.
18. Matter, S. S., Al Shaikhli, I. F., Hashim, A. H., Soliman, A. M., Abdellatief, W. A., Ahmed, **Abdelmoty M. Ahmed.**, & Khattab, M. M. (2024). Wireless Community Networks from Routing Perspective: A Systematic Review. *IAENG International Journal of Computer Science*, 51(7). https://www.iaeng.org/IJCS/issues_v51/issue_7/IJCS_51_7_15.pdf
19. A. M. A., Rahim, M. S. M., Khattab, M. M., Zeki, A. M., Matter, S. S., Soliman, A. M., & **Abdelmoty M. Ahmed** "ARABIC SIGN LANGUAGE RECOGNITION SYSTEMS: A SYSTEMATIC REVIEW"., *Indian Journal of Computer Science and Engineering (IJCSE)*
20. Ahmad M. J. AL Moustafa, Mohd Shafry Mohd Rahim, Belgacem Bouallegue, Mahmoud M. Khattab, Amr Mohamed Soliman, Gamal Tharwat, **Abdelmoty M. Ahmed**, "Integrated Mediapipe with a CNN Model for Arabic Sign Language Recognition", *Journal of Electrical and Computer Engineering*, vol. 2023, Article ID 8870750, 15 pages, 2023. <https://doi.org/10.1155/2023/8870750>
21. Soliman, Amr Mohamed, Mahmoud M. Khattab, and **Abdelmoty M. Ahmed**. "Arabic Sign Language Recognition System: Using an Image-Based hand Gesture Detection Method to help Deaf and Dump Children to Engage in Education." *مجلة كلية الآداب بقنا* ٢٨-١ : (٢٠٢٣) ٣٢.٥٨ [doi:10.21608/QARTS.2023.192747.1618](https://doi.org/10.21608/QARTS.2023.192747.1618)
22. Soliman, Amr Mohamed, Mahmoud M. Khattab, and Abdelmoty M. Ahmed. "Recognize The Alphabet of Fingerspelling Using Statistical Classifiers to Facilitate Communication Between Hearing-Impaired Persons and Others." *مجلة كلية الآداب بقنا* ٣١.٥٧ : (٢٠٢٢) [doi:10.21608/QARTS.2023.192742.1617](https://doi.org/10.21608/QARTS.2023.192742.1617)
23. Hammam M. AbdElaal, Belgacem Bouallegue, Motasem Elshourbagy, Safaa S. Matter, Hany A. AbdElghfar, Mahmoud M. Khattab ,**Abdelmoty M. Ahmed** " Classifications of hadiths based on supervised learning techniques", *IJCSNS International Journal of Computer Science and Network Security*, VOL.22 No.11, November ,2022. <https://doi.org/10.22937/IJCSNS.2022.22.11.1>
24. Safaa S. Matter, Imad F. Al Shaikhli , Aisha H. A. Hashim, Abdelmoty M. Ahmed, Mahmoud M. Khattab "Enhanced MPR Selection Strategy for Multicast OLSR", *IJCSNS International Journal of Computer Science and Network Security*, VOL.22 No.10, October 2022, <https://doi.org/10.22937/IJCSNS.2022.22.10.18>
25. Torad, Mohamed A., Belgacem Bouallegue, and Abdelmoty M. Ahmed. "A voice controlled smart home automation system using artificial intelligent and internet of things." *TELKOMNIKA (Telecommunication Computing Electronics and Control)* 20.4 (2022): 808-816. <http://doi.org/10.12928/telkomnika.v20i4.23763>
26. Mahmoud M. Khattab, Akram M. Zeki, Ali A. Alwan, Belgacem Bouallegue, Safaa S. Matter, Abdelmoty M. Ahmed, "Regularized Multiframe Super-Resolution Image Reconstruction Using Linear and Nonlinear Filters", *Journal of Electrical and Computer Engineering*, vol. 2021, Article ,ID 8309910, 16 pages, 2021. <https://doi.org/10.1155/2021/83099>
27. Gamal Tharwat, Abdelmoty M. Ahmed, Belgacem Bouallegue, "Arabic Sign Language Recognition System for Alphabets Using Machine Learning Techniques", *Journal of Electrical and Computer Engineering*, vol. 2021, Article ID 2995851, 17 pages, 2021. <https://doi.org/10.1155/2021/2995851>
28. Abdelmoty M. Ahmed, Reda Abo Alez, Gamal Tharwat, Muhammad Taha, B. Belgacem, Ahmad M.J. Al Moustafa and Wade Ghribi,"Arabic Sign Language Translator" *Journal of Computer Science*, Volume 15, Issue 10, Pages 1522-1537, [DOI : 10.3844/jcssp.2019.1522.1537,2019.](https://doi.org/10.3844/jcssp.2019.1522.1537,2019)
29. Abdelmoty M. Ahmed., Bouallegue, B., Khattab, M. M., Ibrahim, H., & Mabrouk, A. G. (2024). Automatic Detection of Liver Diseases based on Supervised Learning Algorithms.
30. Abdelmoty M. Ahmed., ElKattan, A., Omar, A., & Abdelaal, H. (2023). Extraction of Features from a Bird's-Eye View for Path Detection. *International Journal of Artificial Intelligence and Emerging Technology*, 6(1), 1-14.



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CONTINUED PUBLICATIONS

31. Abdelaal, H., Elkattan, A., Elshafie, H., & Abdelmoty M. Ahmed. (2023). The Relationship between different Classifications of Hadiths Based on rules Mining. *International Journal of Advanced Scientific Research and Innovation*, 6(1), 90-98.
32. Abdelmoty M. Ahmed.; Tharwat, G.; Bouallegue, B.; Khattab, M.; Al Moustafa, A.; Matter, S. Classification of Chest X-ray Images Using Machine Learning Techniques. *Preprints 2021*, 2021030408 (doi: 10.20944/preprints202103.0408.v1).
33. Abdelmoty M.Ahmed ,“Building a system for automatic translation from an Arabic sign language to Arabic text based on deep machine learning technology” *Advances in Robotics & Automation| ISSN: 2168-9695 | Artificial Intelligence 2018, Automation & Robotics 2018 | Volume: 7, April 16-17, 2018 | Las Vegas, USA*
34. **Abdelmoty M. Ahmed**, Reda Abo Alez , Muhammad Taha , Gamal Tharwat . " Propose a New Method for Extracting Hand using in the Arabic Sign Language Recognition (Arslr) System ", Volume. 4 - Issue. 11 , November - 2015, *International Journal of Engineering Research & Technology (IJERT)* , ISSN: 2278-0181 ,
35. **Abdelmoty M.Ahmed**, Reda Hussien Abo Alez , Bijoy Babu,“Internet-Based Geographical Information Systems for the real estate marketing” *IOSR Journal of Computer Engineering (IOSR-JCE)* e-ISSN: 2278-0661,p-ISSN: 2278-8727, Volume 17, Issue 2, Ver. III (Mar – Apr. 2015), PP 51-55
36. Bijoy Babu, Jamshid .M. Basheer, **Abdelmoty .M. Abdeen** , " Power Optimized Multiplexer Based 1 Bit Full Adder Cell Using .18 μ m CMOS Technology," *IOSR Journal of VLSI and Signal Processing (IOSR-JVSP)* Volume 5, Issue 1, Ver. III (Jan - Feb. 2015), PP 29-35
37. S. B. Chandalasetty et al., "Using EM technique for Juvenile crime zoning," 2021 5th International Conference on Information Systems and Computer Networks (ISCON), 2021, pp. 1-6, doi: 10.1109/ISCON52037.2021.9702353.
38. L. S. Thota et al., "Rule-based Mining of Juvenile Delinquency," 2020 International Conference on Computer Communication and Informatics (ICCCI), 2020, pp. 1-4, doi: 10.1109/ICCCI48352.2020.9104126.
39. Suresh Babu Chandalasetty, B. Belgacem,Ahmed Said Badawy, Wade Ghribi, Abdelmoty M. Ahmed, Hurun Bangali,Lalitha Saroja Thota,Maroju Shiva Prasad and Rambabu Premula" Assessing Relation Between Family Background and Juvenile Delinquency Using Data Mining", *International Conference On Computer Communication and Informatics (ICCCI-2019)*,Jan. 23-25,2019
40. Abdelmoty M. Ahmed, Reda Abo Alez , Muhammad Taha , Gamal Tharwat . " Automatic Translation of Arabic Sign To Arabic Text (ATASAT) System ", Volume 6, Number 5, *Computer Science & Information Technology*. April 2016 - AIRCC Publishing Corporation , Third International Conference on Signal Processing (CSIP 2016) , 2016;6(5):109-122 DOI 10.5121/csit.2016.60511
41. Badawy, A. S., Abdelmoty M. Ahmed., Ghribi, W., Chandalasetty, S. B., Thota, L. S., & Saeed, M. A. "Appraisal of major Risk factors in Juvenile Delinquency using Data Mining".
42. Abdelmoty M.Ahmed , Reda Abo Alez , Gamal Tharwat , Wade Ghribi , Ahmed Said Badawy , Suresh Babu Chandalasetty , B. Belgacem, Ahmad M.J. Al Moustafa,“ Gestures Arabic Sign Language Conversion to Arabic Alphabets”, *ICCI1800172*, 2018 *IEEE International Conference on Computational Intelligence and Computing Research (IEEEICCI18)*.date: 13Dec. 2018.
43. Abdelmoty M.Ahmed ,Wade Ghribi, Reda Abo Alez, Gamal Tharwat, Muhammad Taha, Ahmed Said Badawy, Suresh Babu Chandalasetty,J.Subash Chandra Bose “Towards the design of Automatic Translation System from an Arabic Sign Language to Arabic Text” *International Conference on Inventive Computing and Informatics 2017*.
44. Suresh Babu Chandalasetty, Abdelmoty M.Ahmed, Bouallegue Belgacem,Ahmed Said Badawy, Wade Ghribi, Lalitha Saroja Thota, M.Shiva Prasad,“ Association of Education levels in Juvenile Delinquency”, 3rd International Conference on Inventive Computation Technologies (3rd ICICT 2018) . Date: 15-16, November 2018.
45. AbdElaal, H. M., Matter, S. S., AbdElghfar, H. A., Khattab, M. M., & Abdelmoty M. Ahmed. (2022). Classifications of Hadiths based on Supervised Learning Techniques. *IJCSNS*, 22(11), 1.



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TEACHING EXPERIENCE

Subject	Subject	Subject
Intelligent Systems	Project Management of Engineering	Computer Programming (2) with Python
Data Science	Data Analysis and visualization	Internet of Things (IOT)
Graphical Programming	Computer Organization and Design	Advanced Computer Programming with Python
Project(1)	Multimedia And Data Compression	Robotics
Project(2)	Introduction to the computer	Engineering mathematics
Artificial intelligence	Computer Networks	Object-oriented programming
Emerging technologies in computer science	Computer Gaming	Microprocessor and Interfacing
Digital Image Processing	Computer Architecture	Computer Programming (C++)
Software Engineering	Semiconductors	Digital Logic Circuits and Design
System Analysis and Design	Electric Circuits	Advanced programming skills
Computer Graphics	Compilers	Digital Electronic Circuits
Computer Interfacing	Data Structure and Algorithms	Expert Systems
Database Management Systems	Engineering Project Management	Machine Learning

FUNDED RESEARCH PROJECTS

RESEARCH PROJECTS TITLE	FUNDING AGENCY	
Design and implementation of a system for the detection of harmful parasites Grant No: G.R.P-138-38 (Funding Amount 25,000 Saudi Riyals)	Deanship of Scientific Research King Khalid University, KSA	
Design and implementation of a smart system to recognize Arabic sign language to help the deaf Grant No: G.R.P-408-39 (Funding Amount 25,000 Saudi Riyals)		
Deep model for detection and prediction COVID-19 coronavirus based on features learning Techniques Grant No: 3-103-s-2021 (Funding Amount 25,000 Saudi Riyals)		
Design and implementation of a smart model for classifying the hadith based on computer vision techniques Grant No: G.R.P- 332 -42, (Funding Amount 20,000 Saudi Riyals)		
Using artificial intelligence techniques and machine learning in the field of community service Grant No: RGP/157/42 (Funding Amount 100,000 Saudi Riyals)		
Plant leaf disease detection system using CNN algorithm Grant No: RGP.2/208/43 (Funding Amount 150,000 Saudi Riyals)		
Developing and designing smart systems for healthcare and medical services using machine learning techniques and artificial intelligence Grant No: RGP.2/246/44 (Funding Amount 150,000 Saudi Riyals)		
Using emerging technologies in supportive services for the elderly and people of determination (special needs) Grant No: RGP.2/253/44 (Funding Amount 150,000 Saudi Riyals)		
Development and implementation of the Advanced Encryption Standard (AES) algorithm in Internet of Things and cybersecurity applications Grant No: RGP.2/419/44 (Funding Amount 150,000 Saudi Riyals)		
Accelerating the digitization of education and building a future for academic services in the Kingdom of Saudi Arabia using machine learning Grant No: RGP.2/417/44 (Funding Amount 150,000 Saudi Riyals)		
Using deep learning techniques to design an algorithm to secure enterprise documents against tampering and counterfeiting Grant No: RGP.2/418/44 (Funding Amount 150,000 Saudi Riyals)		
Intelligent Prediction and Follow-up Apps of Chronic Diseases Using Machine Learning Grant No: RGP.2/299/44 (Funding Amount 150,000 Saudi Riyals)		
Design and implementation of an intelligent system for recognizing stuttering (speech disorders) using deep learning techniques and the Internet of Things Grant No: KSRG-2023-088 (Funding Amount 150,000 Saudi Riyals)		King Salman center For Disability Research