جامعة الحدود الشمالية
NORTHERN BORDER UNIVERSITY

Personal Data

Name	Elsaid Mohamed Abdelrahim
Department	Computer Science
Nationality	Egyptian
Date	
Official Email	elsaid.abdelrahim@nbu.edu.sa
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Language proficiency

Language	Read	Write	Speak
Arabic	Native	Native	Native
English	Excellent	Excellent	V. Good
Japanese	Good	Good	V. Good

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Academic Qualifications (Beginning with the most recent)

Date	Academic Degree	Place of issue	Address
20-9-2002	Ph. D.	Chiba University, Japan	Chiba, Japan
24-8-1994	M. Sc.	Tanta University, Egypt	Tanta , Egypt
1-07-1989	B. Sc.	Tanta University, Egypt	Tanta , Egypt

PhD, Master, or Fellowship Research Title

PhD	Fuzzy and Neuro-Fuzzy Systems for Modelling and prediction of Non-Linear Systems
Master	Neat Cellular Folding of CW- Complexes

Professional Record(Beginning with the most recent)

Job Rank	Place And Address of work	Date
Ass. Prof.	Faculty of Science , Northern Border University, KSA	1434 Now
Ass. Prof.	Teachers' college , Arar , KSA	1426-1428
Ass. Prof.	Faculty of Computer Science & Computer Engineering , Ajman university of science and Technology, Ajman, UAE	2003-2005
Lecturer	Faculty of Science , Tanta University, Tanta Egypt	Oct. 2002- sept, 2003
Ph. D. scholarship	Graduate school of science and Technology, Chiba University, Chiba, Japan	March 1st , 1998- sept 30th , 2002
Foreign researcher	Faculty of Engineering, Chiba University, Chiba, Japan	Nov. 1997- March 198
Ass. Lecturer	Faculty of Science , Tanta University, Tanta Egypt	
Demonstrator	Faculty of Science , Tanta University, Tanta Egypt	Sept. 1, 1989-Aug. 1, 1994

Management Position(Beginning with the most recent)

Administrative position	The disk	Date
Head of Computer Department	Deanship of preparatory Year and supportive studies, Northern Border University, KSA	1431-1434 H
Head of Computer Department	Teachers' college , Arar , KSA	1428-1431

من الشمال...إلى الوطن

Scientific Achievements (Published Refereed Scientific Research)

Name of Investigators	Research Title	Publisher and Date of Application
	Intelligent data science enabled reactive power optimization of a distribution system	Sustainable Computing: Informatics and Systems (2022)
	Hierarchical Adaptive Genetic Algorithm Based T-S Fuzzy Controller for Non-linear Automotive Applications	Int. J. Fuzzy Syst. (2021)
	Binary Particle Swarm Optimization Based T-S Fuzzy Predictive Controller for Nonlinear Automotive Application	Neural Computing & Applications, (2021)
	An evolutionary computing enriched RS attack resilient medical image steganography model for telemedicine applications	Multidim. Syst Sign Process (2019).

	Shadow Detection and Geo-Tagged Image Information Based Strategic Infrastructure Characterization	International Journal of Advances in Science Engineering and Technology (2018)
	A New Method to Build NLP Knowledge for Improving Term Disambiguation,	International Journal of Advanced Computer Science and Applications, (2016)
	Identification of Diabetic Retinal Exudates in Digital Color Images Using Support Vector Machine	Journal of Intelligent Learning Systems and Applications, May 01, 2013.
	A New simple Identification Algorithm for Sugeno-type Fuzzy Models	IEICE Trans. Fundamentals, (2006)
	A New transformed input-domain ANFIS for highly nonlinear system modeling and prediction,	IEICE Trans. Fundamentals (2001)
	A new estimation method of the membership values in fuzzy sets, IEICE Trans. Information& Systems	IEICE Trans. Information& Systems (2001)
	Numerical fuzzy Approach for time series prediction,	Journal of Signal Processing, (2000)

Teaching Activities(Undergraduate)

Course	Course Number	Extent of Contribution
Computer Graphics	1105-351	Instructor
Int. to Computer	1105-101	Instructor/Coordinator
Graduation Project	1105-492	Supervisor
Pattern Recognition	1105-487	Instructor/Coordinator

Modeling & Simulation	1105-481	Instructor
Discrete Mathematics	1105-231	Instructor
Artificial Intelligence	1105-333	Instructor
Software Documentation	CS481	Instructor
Selected topics	CS 482	Instructor
Computer applications	TCS 122	Instructor
O.O.P.	1105-313	Instructor
Database Systems	1105-342	Instructor
Distributed Systems	1105-473	Instructor
Human Computer Interaction (HCI)	1105-488	Instructor
Data Mining	1105-486	Instructor
Systems Analysis & Design	CS 455	Instructor/Coordinator
Processors Technology and supporting devices	TCS 242	Instructor
Computer Skills	1101-102	Instructor
Computer & Education	TCS 333	Instructor

Scientific Achievements (Scientific Research Accepted for publication)