

	Contact Information
	Name: Assist. Prof. Hend Samir Saad Saad
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Email address: helmansy@horus.edu.eg and hend.samir1@gmail.com
Google Scholar: <https://scholar.google.com/citations?user=J05QSSoAAAAJ&hl=en>
Research gate: https://www.researchgate.net/profile/Hend-Samir-Saad?ev=hdr_xprf
ORCID: <https://orcid.org/0000-0002-8994-8863>
Web of Science: <https://www.webofscience.com/wos/author/record/PKS-0258-2026>
Scopus: ---

	Site	No. of papers	h-index	Citation
1	Google Scholar	4	2	38
2	Scopus	--	--	--
3	Web of Science	--	--	--
4	Research Gate	4	2	32

Education/ Academic qualifications (start with your most recent education first)

Year	School / University	Specialization	Degree
2025	Faculty of Engineering / Mansoura University	Computers and Systems Engineering	PhD
2021	Faculty of Engineering / Mansoura University	Computers and Systems Engineering	M. Sc
2013	Faculty of Engineering / Mansoura University	Computers and Systems Engineering	Bachelor

Academic Employment History (start with your most recent education first)

From:	To:	University / Organization	Title of Position
2025	now	Horus University / Faculty of Engineering	Assistant Professor
2025	2025	Faculty of Engineering- Mansoura University	Teaching assistant
2024	2025	Raya Higher Institute of Management and Foreign Trade in New Damietta	Teaching assistant
2022	2024	Misr Higher Institute of Engineering and Technology in Mansoura	Teaching assistant
2021	2022	Nile Higher Institute of Commercial Sciences and Computer Technology in Mansoura	Teaching assistant

I do hereby declare that the information furnished above is true to the best of my knowledge.

Assist. Prof. Hend Samir Elmansy

Signature: *Hend Samir*

2016	2016	Nile Higher Institute of Engineering and Technology in Mansoura	demonstrator
2015	2021	Nile Higher Institute of Commercial Sciences and Computer Technology in Mansoura	demonstrator
Administrative Positions:			
From:	To:	University / Organization	Title of Position
2025	now	Horus University / Faculty of Engineering	Manager of the Electronic Services Unit
Teaching Experience (Courses, Language, Higher Education Only)			
1- Lecturer (Computer Networks – Information Security – Digital and logical circuits – Software Engineering – Microprocessor – Advanced programming), Faculty of Engineering, Horus University, 2025-now. 2- Lecturer (Logic circuits 2 – Programming(1) – Programming(2) – Operating Systems – Control(1) - Neural Network – Distributed Systems – Computer applications), Misr Higher Institute of Engineering and Technology in Mansoura , 2022 -2024 3- Demonstrator (Control 1 – Database - Programming), Nile Higher Institute of Engineering and Technology in Mansoura, 2016 to 2016.			
Publications:			
Identify type of publication: book, refereed article, book chapter, journal article, non-refereed paper, major report, technical reports, research funds/grants			
a) Research Articles			
1. Hend S. Saad , John FW Zaki, and Mohamed M. Abdelsalam. "A New Framework for Mental Illnesses Diagnosis using Wearable Devices aided by Improved Convolutional Neural Network." Scientific Reports 15.1 (2025): 26788. IF=3.8, Q1 (Scopus & Web of science). https://doi.org/10.1038/s41598-025-07245-6			
2. Hend S. Saad , John FW Zaki, and Mohamed M. Abdelsalam. "Employing of machine learning and wearable devices in healthcare system: tasks and challenges." Neural Computing and Applications 36.29 (2024): 17829-17849. IF=4.5, Q1 (Scopus). https://doi.org/10.1007/s00521-024-10197-z			
3. Hend S. Saad , Mohamed S. M. ElKsas, Sabry F. Saraya, Mohamed M. Abdelsalam. "An Improved Particle Swarm Optimization Algorithm for Maximum Power Point Tracking Of Photovoltaic Cells in Normal and Under Partial Shading Conditions. (Dept. E)."MEJ. Mansoura Engineering Journal 46.1 (2021): 10-20.			
4. Hend S. Saad , Mohamed S. M. ElKsas, Sabry F. Saraya, Mohamed M. Abdelsalam. " A review on Bio-inspired MPPT techniques of PV system under partial shading condition. « Nile journal of communication and computer science » (2021): 10-20.			

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Signature: *Hend Samir*