


Contact Information			
	Name: <i>Mervat Mohamed El-Seddek</i>		
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	Google scholar: https://scholar.google.com/citations?user=bfEfWVQAAAAJ&hl=en		
	Research gate: http://www.researchgate.net/profile/Mervat-El-Seddek		
	Web of science: https://publons.com/researcher/4625673/mervat-el-seddek/publications/		
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SCOPUS: https://www.scopus.com/authid/detail.uri?authorId=56267132800			
Education/ Academic qualifications (start with your most recent education first)			
Year	School / University	Specialization	Degree
2015	<i>Mansoura University, Egypt</i>	<i>Electrical Communications Engineering,</i>	<i>Ph.D</i>
2009	<i>Mansoura University, Egypt</i>	<i>Electrical Communications Engineering,</i>	<i>M.Sc.</i>
1999	<i>Mansoura University, Egypt</i>	<i>Electrical Communications Engineering,</i>	<i>B.Sc</i>
Academic Employment History (start with your most recent education first)			
From:	To:	University / Organization	Title of Position
2004	2009	<i>Communications Engineering Dept., Faculty of Engineering, Mansoura University.</i>	<i>Teaching Assistant</i>

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

Name: Assoc. Prof. Mervat El-Seddek

Signature: Mervat El-Seddek

2009	2013	Misr Higher Institute of Engineering and Technology.	Teaching Assistant
2013	2015	Misr Higher Institute of Engineering and Technology	Assoc. Lecturer
2015	2022	Misr Higher Institute of Engineering and Technology	Assis. Professor
2022	Till now	Misr Higher Institute of Engineering and Technology	Assoc Professor
Administrative Positions:			
From:	To:	University / Organization	Title of Position
Teaching Experience (Courses, Language, Higher Education Only)			
1. Signal Analysis	2. Digital Signal Processing	3. Digital Image Processing	
4. Solid State Electronics	5. Biomedical Engineering	6. Electronic Experiments 1	
7. Electrical Measurements	8. Electric Circuits	9. Electronic Experiments 2	

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Publications:

1. Accurate Diagnosis of COVID 19 Based on Deep Neural Networks and Chest X-Ray Images”, MEJ, Vpl. 45, Issue 3, 2020.
2. An Automated Early Detection and Classification Method for COVID-19 Stages based on deep learning technique using chest CT images. Article 26, MEJ, Volume 46, Issue 1, Winter 2021
3. M. El-Seddek, “A Proposed Method for Background Subtraction and Adding Scribbles in Video Matting”, International Telecommunications Conference, ADC, Egypt, 2021.
4. A. Galal, N. Areed, M. El-Seddek, “Classification of Dermoscopy Images for Early Detection of Skin Cancer”, International Telecommunications Conference, ADC, Egypt, 2021.
5. A. E. E. -D. Rashed, H. M. Amer, M. El-Seddek and H. E. -D. Moustafa, "Sequence Alignment Using Machine Learning-Based Needleman–Wunsch Algorithm," in *IEEE Access*, vol. 9, pp. 109522-109535, 2021, doi: [10.1109/ACCESS.2021.3100408](https://doi.org/10.1109/ACCESS.2021.3100408)
6. N. El-Menbawy, M. El-Seddek, H. Moustafa, A. El-Nakib, “Deep Segmentation of The Liver and The Hepatic Tumors from Abdomen CT Images”, International Journal of Electrical and Computer Engineering, Vol. 12, No. 1, 2022, <http://doi.org/10.11591/ijece.v12i1.pp%25p>
7. Amal G. Diab1 , Nehal Fayez2 , Mervat Mohamed El-Seddek, “Accurate skin cancer diagnosis based on convolutional neural networks”, Indonesian Journal of Electrical Engineering and Computer Science, Vol. 25, No. 3, March 2022, , DOI: 10.11591/ijeecs.v25.i3.pp1-1x p 1
8. Rania Abd-Elghaffar, Mahmoud El-Zalabany, Hossam El-Din Moustafa, Mervat El-Seddek, "Classification of Focal Liver Disease in Egyptian Patients Using Ultrasound Images and Convolutional Neural Networks" Indonesian Journal of Electrical Engineering and Computer Science, Vol. 27, No. 2, August 2022, pp. 793-802, DOI: 10.11591/ijeecs.v27.i2.pp793-802
9. M. El-Sherbiny, Eman Abdel Halim, H. Moustafa, M. El-Seddek, “Classification of Chronic Kidney Disease ased on Machine Learning Techniques, Networks" Indonesian Journal of Electrical Engineering and Computer Science, Vol. 32, No. 2, November 2023, pp. 945~955, DOI: 10.11591/ijeecs.v32.i2.pp945-955
10. Nermeen Elmenabawy, Mervat El-Seddek, Hossam El-Din Moustafa, Ahmed Elnakib, Deep multistage System for Liver and Lesion Segmentation Using Computed Tomography Images Mansoura Engineering Journal (MEJ), Nov 2023, Vol. 49: Iss. 1, Article 7. <https://doi.org/10.58491/2735-4202.3128>, ISSN: 2735-4202

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Other Relevant Experience

- Certified Reviewer for Quality Assurance and Programs Accreditation, NAQQA
- *IEEE Senior Member*
- *IEEE Women In Engineering Member*
- *Member at IEEE Egypt AP-S/MTT-S Joint Chapter*
- *Member at Biomedical Engineering Research Society – BERS*
- *Reviewer in IEEE Access Journal*
- *Reviewer in Mansoura Engineering Journal*
- *Reviewer in Journal of Engineering Research*
- *Reviewer in International Journal of Telecommunications*

دورات الهيئة القومية لضمان جودة التعليم والاعتماد:

1. دورة " توصيف البرامج والمقررات وتقييم نواتج التعلم لكليات ومعاهد التعليم العالي "
2. دورة "التقييم الذاتي لكليات ومعاهد التعليم العالي "
3. دورة "التخطيط الإستراتيجي لكليات ومعاهد التعليم العالي"
4. دورة " نظم الامتحانات وتقييم الطلاب لكليات ومعاهد التعليم العالي"
5. دورة " استراتيجيات التدريس والتعلم الفعال لكليات ومعاهد التعليم العالي"
6. دورة "المراجعة الخارجية لكليات ومعاهد التعليم العالي"

دورات تنمية قدرات اعضاء هيئة التدريس:

1. دورة " تنظيم المؤتمرات العلمية "
2. دورة " سلوكيات المهنة "
3. دورة " تصميم ونتاج المقررات الالكترونية "
4. دورة " التحول الرقوى "
5. دورة " استخدام التكنولوجيا فى التدريس "
6. دورة القيادات الأكاديمية (إدارة الأزمات والمخاطر + القضايا القومية ومكافحة الفساد + فن القيادة الجامعية + تنمية الموارد الذاتية)

دورات أكاديمية ناصر العسكرية العليا:

1. دورة الدراسات الإستراتيجية والأمن القومي – أكاديمية ناصر العسكرية العليا
2. دورة إدارة الأزمات والتفاوض – أكاديمية ناصر العسكرية العليا
3. دورة صناعات القرار – أكاديمية ناصر العسكرية العليا

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