Curriculum Vitae

Name: Essam Abdellatef

Title: Assistant Professor

Department: Electrical Engineering

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A) Academic Qualifications:

- Bachelor's Degree in Electronics and Communications Engineering, University: Zagazig University Year: 2009.

- Master's Degree in Electronics and Communications Engineering, University: Mansoura University Year: 2015

- Ph.D. in Electronics and Communications Engineering, University: Menoufia University Year: 2019

- **Other Qualifications:** Instructor of Computer Networks at Information Technology Institute (ITI).

- **B) Academic promotions:**

- Demonstrator, Electronics and Communications Engineering Department, Delta Higher Institute for Engineering and Technology (DHIET), Mansoura, Egypt.　　　　　　　Date: 10/2009 – 9/2015

- Assistant Lecturer, Electronics and Communications Engineering Department, Delta Higher Institute for Engineering and Technology (DHIET), Mansoura, Egypt.　　　　　　　Date: 9/2015 – 11/2019

- Lecturer, Electronics and Communications Engineering Department, Delta Higher Institute for Engineering and Technology (DHIET), Mansoura, Egypt.   Date: 11/2019 – 9/2023

- Lecturer, Electrical Engineering Department, Faculty of Engineering, Sinai University, El-Arish, Egypt. Date: 9/2023 - present

C) Scientific Merit:

- Google Scholar: https://scholar.google.com/citations?hl=en&user=sLNsn14AAAAJ
- Scopus ID: 57209637673
- Citations: 193   h-index: 7   i10-index: 5

D) Academic Administrative Experiences

- Director of graduates affairs follow up unit, Delta Higher Institute for Engineering & Technology.
- Member at student's communications committee at Delta Higher Institute for Engineering & Technology.
- Responsible for making Scientific Events at Delta Higher Institute for Engineering & Technology.
- Supervisor on Science Club at Delta Higher Institute for Engineering & Technology

E) Scientific Activities

Scientific Mission:

Creativity, innovation, critical thinking and problem solving are skills by which teachers strive to develop in students. Self-learning, classroom activities, team projects and learning by doing are my tools to enhance my students' knowledge during teaching journey.

F) Scientific Publications:

Last 10 year of published Scientific Papers

- International journals

1	Evaluation and optimisation of pre-trained CNN models for asphalt pavement crack detection and classification, Automation in Construction	2024	Q1
2	Hybrid Whale Optimization and Canonical Correlation based COVID-19 Classification Approach, Multimedia Tools and Applications	2024	Q1
3	Multi-layers deep learning model with feature selection for automated detection and classification of highway pavement cracks, Smart and Sustainable Built Environment	2024	Q1
4	DeepEnc: Deep Learning-based CT Image Encryption Approach, Multimedia Tools and Applications	2023	Q1
5	Automated Diagnosis of EEG Abnormalities with Different Classification Techniques, Medical & Biological Engineering & Computing (MBEC)	2023	Q2
6	An Automatic Image Processing based on Hough Transform Algorithm for Pavement Crack Detection and Classification, Smart and Sustainable Built Environment	2023	Q1
7	Cancelable face and iris recognition systems based on deep learning, Optical and Quantum Electronics, Vol. 54, No. 702	2022	Q2
8	Deep Learning-based Seizure Detection and Prediction from EEG Signals, International Journal for Numerical Methods in Biomedical Engineering, Vol. 38, Issue 46	2022	Q1
9	COVID-19 classification using deep feature concatenation technique, Journal of Ambient Intelligence and Humanized Computing, Springer, Vol. 13, Issue 4, pp 2025 – 2043	2022	Q1
10	Developing a new deep learning CNN model to detect and classify highway cracks, Journal of Engineering, Design and Technology, Vol. 20, No. 4, pp 993 – 1014	2022	Q2
11	Fusion of deep-learned and hand-crafted features for cancelable recognition systems, Soft Computing, Springer, Vol. 24, pp 15189 – 15208	2020	Q1

12	Cancelable Fusion-based Face Recognition, Multimedia Tools and Applications, Springer, Vol. 78, Issue 22, pp 31557 – 31580	2019	Q1
13	Cancelable Multi-biometric Recognition System based on Deep Learning, The Visual Computer, Springer, Vol. 36, pp 1097–1109	2019	Q2

G) Quality Assurance in Higher Education:

QA Trainer

- Description of programs and courses, The National Authority for Education Quality Assurance and Accreditation.
- Effective teaching and learning strategies, The National Authority for Education Quality Assurance and Accreditation.

H) Skills

- Language Skills: very good

- Computer Skills: Excellent

- Presentation skills: very good