Curriculum Vitae (CV)

Mohamed Ali Mohamed El-sayed Torad

Personal Information:

Academic Rank: Associate Professor

Department: Electrical Engineering

Specialization: wireless communication, IoT, WSN, ML, AI

Position: Associate Professor

Google Scholar: https://scholar.google.com/citations?user=p5t6ztwAAAAJ&hl=ar

Research Gate:

https://www.researchgate.net/profile/Mohamed-A-Torad?ev=hdr_xprf&_sg=isfJDt4LTFC_CQpCS_kfW3Bi7UYX14w3tsuHooCoAyFn3fokIEuKEsDdUxqPDjaJe2ZfkagHUWTgTgwheBMneEtb

ORCID Record: https://orcid.org/0000-0001-8621-4410

Scopus ID: https://www.scopus.com/authid/detail.uri?authorId=43561862700

Email   mohamed.torad@gmail.com mohamed.torad@hti.edu.eg

Mobile/WhatsApp: 00201099554541

Education

Degree	Discipline	Institution	Year
Associated Professor granted	Communication engineering	**Supreme Council of Universities**	**2022**
Assistant Professor (PhD)	Communication engineering	**Ain Shams University**	2016
Lecturer (MSC)	Communication engineering	**Ain Shams University**	2012
Bachler degree	Electrical Engineering	**Higher Technological Institute**	2007

Academic Experience

Institution: Higher Technological Institute (HTI)
Rank: **Lecturer assistant**
Dates: 9/2007 till 8/2008 and 2/2010 till 12/2012

Institution: Higher Technological Institute (HTI)
Rank: **Lecturer**
Dates: 1/2013 till 6/2016
Institution: Higher Technological Institute (HTI)
Rank: **Assistant Professor**
Dates: 6/2016 till 7/2023
Institution: Higher Technological Institute (HTI)
Rank: **Associate Professor**
Dates: 7/2023 till now
Institution: Culture and Science City 6th of October City
Rank: **Assistant Professor**
Dates: 9-2016 till 9-2017

Research interests:

- Wireless communication
- Internet of Things (IoT)
- Wireless sensor Network (WSN)
- Machine Learning (ML)
- Artificial Intelligent (AI)

Publications:

1. **Mohamed A. Torad**, Belgacem Bouallegue, Abdelmoty M. Ahmed, *A voice controlled smart home automation system using Artificial Intelligent and internet of things*, TELKOMNIKA Telecommunication computing electronics and control, 2022.

2. **Mohamed A. Torad**, Belgacem Bouallegue, Abdelmoty M. Ahmed, *Smart Garage using internet of things (IoT)*, Journal of sensors, 2022.

3. Nirmin Monir, Maha M Toraya, Andrei Vladyko, Ammar Muthanna, **Mohamed A Torad,** Fathi E Abd El-Samie, Abdelhamied A Ateya (2022). *Seamless Handover Scheme for MEC/SDN-Based Vehicular Networks*, Journal of Sensor and Actuator Networks, January 2022, DOI: 10.3390/jsan11010009.

4. **MA Torad**, MA Salam (2021), _Smart helmet using internet of things_, International Journal of Reconfigurable and Embedded Systems (IJRES), Vol. 10, No. 2, pp. 90-98.

5. MA Salam, **MA Torad** (2021), _An Intelligent Approach for COVID-19 Detection Using Deep Transfer Learning Model_, I.J. of Electronics and Information Engineering, Vol.13, No.2, PP.66-76, June 2021

6. **Mohamed A. Torad,** Y.H. Hossamel-Din(2021), _Smart Ambulance Using IOT for Blood Transfer Facilities_, Indonesian Journal of Electrical Engineering and Computer Science.

7. Lamia N Mahdy, Kadry A Ezzat, **Mohamed Torad**, Aboul E Hassanien (2020), _Automatic segmentation system for liver tumors based on the multilevel thresholding and electromagnetism optimization algorithm_, international journal of imaging systems and technologies.

8. Muhammad Yousef, **Mohamed A Torad** (2019), _A Treatise on Conversational AI Agents: Learning from humans' behaviour as a design outlook_, The International Conference on Electrical and Computing Technologies and Applications (ICECTA).

9. **Mohamed A Torad,** Ahmed El-Kassas, Hadia El-Hennawy (2016), _Wide-Band Sensing and Optimization for Cognitive Radio Networks using multi-rate sub-Nyquist spectrum sensing (MS3)_, MOWNET 2016, 11-13 APRIL 2016.

10. **Mohamed A Torad,** Ahmed El-Kassas, Hadia El-Hennawy (2015), _Cooperative Wideband Spectrum Sensing Over Rician and Nakagami Fading Channels_, ISSPIT 2015, 7-10 DEC 2015.

11. **Mohamed A Torad,** Ahmed El-Kassas, Hadia El-Hennawy(2011), _Comparison between LTE and WiMAX based on system level simulation using OPNET modeler (release 16)_, NRSC 2011, 26-28 APRIL 2011.

Certifications or Professional Registrations:

- AWS Certified Cloud Partitioner (CCP)
- NI Certified LabVIEW Associate

Teaching Experience:

Courses taught

- Electronics digital design
- C++ programming

- Java script Programming
- AVR Microcontroller using Assembly and c PIC Microcontroller using Assembly and c
- 8051 Microcontroller using Assembly and c
- Design of real time embedded systems
- Sensors and actuators
- Computer Graphics
- Artificial Intelligent

- Computer Security
- Multimedia

Multimedia •