

Curriculum Vitae (CV)

Fatma Ali Mohamed Ali Matter

Personal Information:

Academic Rank: Assistant Lecturer

Department: Electrical Engineering

Specialization: Electronics engineering

Position: Assistant Lecturer in Electrical Engineering Department

Google Scholar: <https://scholar.google.com/citations?user=ddzfkvkAAAAJ&hl=en&oi=ao>

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Education:

Degree	Discipline	Institution	Year
M.Sc.	Electronics and Communication Engineering	Zagazig University- Faculty of engineering	2017
B.Sc.	Electronics and Communication Engineering	Zagazig University- Faculty of engineering	2008

Institution: HTI
Rank: Research Assistant (Ph.D. student)
Dates: 2017

Institution: HTI
Rank: Teaching Assistant
Dates: 2009

Research interests:

- Analog VLSI
- Circuit Design and simulation
- Carbon Nanotube Technology
- CNTFET Modeling

Publications:

- 1- Matter, Fatma A., Mohamed F. Ibrahim, and Khaled A. Shehata. "CMOS single-stage fully differential telescopic cascode OTA with gain boosted technique for 14Bit IOOMSps pipelined ADC." *2015 World Congress on Information Technology and Computer Applications (WCITCA)*. IEEE, 2015.

Certifications or Professional Registrations:

- Effective teaching and learning strategies for colleges and institutes of higher education
- Exam systems and student assessment for colleges and institutes of higher education

Courses Taught

- Principles of electronic engineering
- Electronic components
- Electronics (1)
- Electronics (2)
- Electronic circuits
- Computer skills
- Electronics (4)
- Switching circuits
- Shaping circuits
- Wave shaping
- Electrical circuits
- Systems analysis
- Electronic lab (1)
- Electronic lab (2)
- Electrical measurements lab
- Electrical circuits lab