CURRICULUM VITAE

Sinan Sabah Mahmood Mohammed

Name	**Sinan Sabah Mahmood Mohammed**
Birth date	**1980/2/16**
fields of specialization	**Electronics Engineering, Nano-electronics**
Academic degree	**Lecturer**
Work address	**College of Engineering – University of Baghdad**
e-mail address	**sinan.mahmoud@coeng.uobaghddad.edu.iq**

Academic Qualification:

- Ph.D. (Nano-electronics), Universiti Putra Malaysia, 2018, (Major field: Electronics Engineering).
  Dissertation: *Sneak Path Current Tolerant Resistive Crossbar Array Structures Based of Self-Rectifying Memristor Model for Memory Applications.*

- M.Sc. (Information Technology), Iraqi Institute of Computer and Informatics, 2006, (Major field: Computer Science).
  Thesis: *Firewall Embedded Virtual Private Networks.*

- B.Sc. (Electronics and Communication Engineering), College of Engineering, University of Baghdad, 2003.

Academic Positions:

- (2007-2013): Assistant Instructor, Electronic and Communications Department, College of Engineering, University of Baghdad.

- (2018): Instructor, Electronic and Communications Department, College of Engineering, University of Baghdad.

Professional Positions:

- (2007 – current): Member of the Teaching Board, Electronics and Communication Department, College of Engineering, University of Baghdad.

- (2018 – current): Department coordinator, Electronics and Communication Department, College of Engineering, University of Baghdad.

- (2007 – 2011): Member of the Examination Board, Electronics and Communication Department, College of Engineering, University of Baghdad.

Teaching:

- (2007 – current): *Engineering Analysis*, Third year, Electronics and Communication Department, College of Engineering, University of Baghdad.

- (2007 – 2010): *Electronics*, Second year, Electronics and Communication Department, College of Engineering, University of Baghdad.

- (2010 – current): *Electrical Circuits II*, Second year, Electronics and Communication Department, College of Engineering, University of Baghdad.

List of Publications:
A. Refereed Journal Articles

S. Sabah, N. B. Sulaiman, N. A. Yunus, M. N. Hamidon, and N. H. Hamid, "Read operation performance analysis of modified crossbar array structures with self-rectifying memristive device model," *International Journal of Control Theory and Applications*, vol. 9, no. 31, pp. 53-61, 2016.

Sabah, S. and Sulaiman, N.B., "A self-rectifying memristor model for simulation and ReRAM applications," *Indonesian Journal of Electrical Engineering and Computer Science*, vol.19, no. 3, pp.1204-1209, 2020.

B. Reviewed Conference Proceedings

S. Sabah, N. B. Sulaiman, N. A. Yunus, M. N. Hamidon, and N. H. Hamid, "Read operation performance analysis of modified crossbar array structures with self-rectifying memristive device model," International Conference on Electrical & Electronic Technology, 2016, Malaysia.