



المؤتمر الليبي الدولي للعلوم الطبية الأساسية والطب الحيوي  
The Libyan International Conference of Basic Medicine and Biomedical Sciences



Libyan Authority for Scientific Research

Libyan Society for Scientific Research and Studies

The Libyan International Conference of basic medicine and Biomedical Sciences

A CV of a Conference

**Name:** Mohamed Ali Alganga

**Date & Place of Birth:** 16/06/1973 Al-Zawyah - Libya

**Nationality:** Libyan

**Marital status:** Married

**Faculty:** Engineering

**Department:** Electrical and Electronic

**Qualification Kind:** Ms. C.

**Specialization:** Electronic & IT

**Qualification Place:** Hallam University, Sheffield - UK

**Date Qualification obtained:** 2008

**Academic Status:** Asst. Professor

**Date of Recruitment:** 1 / 12 / 2011

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### Qualifications:

- **Scientific degree – Bachelor (B. Sc.):**  
1997 *B.Sc. in Electrical and Electronic Engineering*, Engineering Academy Tajoura, Libya.
- **Master degree (M. Sc.):**  
2008 *MSc. in Electronic and Information technology*, Sheffield Hallam University. UK.

### Work Experience:

- 2024 – Now: **Teaching Staff Member** in Judiem technical computer college Zawiyah city- Libya.  
2011 – Now: **Teaching Staff Member** in the *Electrical & Electronic Engineering* Department, Zawiyah Higher Institute of polytechnic, Zawiyah city- Libya.

### Duties & Responsibilities:

- Lecturer in the Electrical and Electronic department.
  - Head of the Office of the faculty members at the institute.
  - Head of Scientific Committee at the institute.
  - Member of Scientific Committee in the Electrical and Electronic department.
  - Internal examiner for some graduation projects.
  - Participate in the development of technical education curriculum in Libya.
  - Part time teaching in the medical engineering department - Medical technical Faculty - Alzawiyah- Libya.
  - Editor at International Science and Technology Journal.
  - Work as an organiser for some scientific conferences and workshops.
- 2011 – 2012: Part time teaching in the Electrical and Electronic department - Engineering Faculty - Alzawiyah- Libya.
- 2009 – 2011: Part time teaching in the Electrical and Electronic department - Alzawiyah Higher Institute of Polytechnic – Alzawiyah - Libya.
- 1997 – 2011: Worked as electronic engineer at the Electronic and Rader Guidance department - Central Organization of Research and Industry – Tripoli - Libya.

### Languages:

I speak fluent as well as written English & Arabic.

- (IELTS: Overall 5, *Taken in Sept 2014*).
- LEAP course - April to June 2015, TESOL center, Sheffield Hallam University.
- pre-sessional course - June to September 2015, Sheffield Hallam University.

### Publications

- 1- Mohamed A. Alganga, Analysis of Optical switching architecture using crossbar architecture based on SMZ, ISTJ, 14, 2014.
- 2- Assadek M. Akra, Mohamed A. Alganga, Najeb A. Omran, Study the performance of the Zigbee Communication in an Aircraft Environment, International science and technology journal, 10, 2017.
- 3- Yosef M. Aboalkasem, M.K. Jalboub, Mohammad A. Alganga, Haithm A Shabala, Enhancing Libyan grid by using hybrid system for remote area, ISTJ, 19, 2019.
- 4- K. A. Hawisa, M. K. Jalboub and M. A. Alganga, "Determination of the Suitable Value of Resonance Point for Best Operation of Thyristor Controlled Series Capacitor," 2021 IEEE 1st International Maghreb Meeting of the Conference on Sciences and Techniques of Automatic Control and Computer Engineering MI-STA, 2021, pp. 496-500, doi: 10.1109/MI-STA52233.2021.9464446.
- 5- K. A. Hawisa, M. K. Jalboub and M. A. Alganga, Investigate the Effect of Connecting Multiple FACTS Controller on Voltage Stability and Power Transfer Capabilities, 2022 IEEE 2nd International Maghreb Meeting MI-STA, 2022.