CURRICULUM VITAE

Name	**Mohamed Ali Alganga**
Nationality:	Libyan
Qualification Kind:	MSc. **2008**
University:	Ministry of Technical and Vocational Education - Libya
Faculty:	College of Computer Technology - Zawiya - Libya
Department:	Electrical and Electronic Engineering
Specialization:	Electronic and Information technology
Qualification Place:	Sheffield Hallam University. UK
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Career Overview

I- Scientific qualifications gradient:

▪ **Scientific degree – Bachelor (B. Sc.):**

B.Sc. in Electrical and Electronic Engineering, Engineering Academy Tajoura, Libya – 1997

▪ **Master degree (M. Sc.):**

MSc. in Electronic and Information technology, Sheffield Hallam University. UK

Work Experience:

2011 – Now: - *Teaching Staff Member* in *Electrical & Electronic Engineering* Department,

Zawiyah Higher Institute of polytechnic, Zawiyah city- Libya.

Duties & Responsibilities:

- Lecturer in 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 Electrical and Electronic department.

- Internal examiner for some graduation projects.

- Participate in the development of technical education curriculum in Libya.

- Part time teaching in 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 Electrical and Electronic department - Engineering Faculty-
     Alzawiyah- Libya.

2009 – 2011: Part time teaching in 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.

Information Technology:

I have an experience of using a wide range of IT applications including Microsoft Word, PowerPoint and some electronic software's. I use the internet regularly to search for information relevant to my interest.

Interest and Hobbies:
     Enjoy sports, reading books and travelling.

Publications المنشورات

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, Invetigate the Effect ofConnecting Multiple FACTS Controller on Voltage Stability and Power Transfer Capabilities, 2022 IEEE 2nd International Maghreb Meeting MI-STA, 2022