

CURRICULUM VITAE

(1) Personal Information:

- a. Name:** Awadalla Taifour Ali Ismail
- b. Place & Date of Birth:** Khartoum – 01/01/1967
- c. Nationality:** Sudanese
- d. Current Occupation:** Associate Professor
- e. Religion:** Muslim
- f. Marital status:** Married

(2) Present Appointment & Address:

Deputy Principal

Deputy Dean for Academic Affairs; College of Engineering

- a. Office Address:**
Sudan University of Science & Technology;
Principal Office
Phone (office): 0183765588 **Mobile:** 0912120991 **Fax:** 0183792601
- b. Permanent Address:**
Khartoum – Khartoum Locality – Jabra
E-mail: [يكنذملكحتلا](mailto:awadalla.taifour@usts.edu.sd)

(3) General Education:

Aljamhoria-Damazin primary School	1975 – 1981
Damazin General Secondary School	1981 – 1984
Damazin Higher Secondary School	1984 – 1987

(4) Qualification:

Ph.D. in Electrical Engineering Graduate College - Sudan University of Science & Technology – Sudan, 2009.

M.Sc. in Electrical Engineering (Control and Microprocessors) Graduate College - Sudan University of Science & Technology – Sudan, 2002.

B.Sc. in Electrical Engineering College of Engineering University of Science & Technology – Sudan, First Class, 1997.

3-Year Elect. Engineering Diploma College of Engineering University of Science & Technology – Sudan, First Class, 1992.

(5) Title of Ph.D. Research Topic:

INTELLIGENT CONTROL DESIGN OF TWIN ROTOR MULTI INPUT
MULTI OUTPUT SYSTEM

(6) Field of Specialization: Electrical Engineering & Control

(7) Professional Experience:

- Control & results committee member Dams Implementation Unit aptitude test 2012-2013.
- Control committee member Faisal Bank Unit aptitude test 2012-2013.
- Exam invigilator, an aptitude tests Dams Implementation Unit 2013.
- Exam invigilator, an aptitude test Petroenergy Company 2013.
- External Examiner for the Electrical Engineering Department - College of Engineering –Alazhary University – 2011.
- External Examiner for the Electrical Engineering Department - College of Engineering –Alazhary University – 2013.
- External Examiner for the Control Engineering Department - College of Engineering –Al Nileen University – 2014.

(8) Teaching Experience:

- **Teaching the following subjects:**
Electrical Engineering Principles; Electrical Circuit Theory; Control System Theory; Control System Elements; Automatic Control Systems; Digital Control Systems; Fuzzy Logic Control; Artificial Neural Networks; Sensors & Transducers; Instrumentation & Measurements.
- **Visiting Assistant professor for the following Engineering colleges:**
Electrical Engineering Department; Engineering College – Kurdofan University 2005-2008.

(9) Major University Level Affiliations

(Sudan University of Science & Technology-SUST)

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|----|---|-------------|
| 1. | Coordinator of Electrical Diploma Programs in Engineering; College of Technology. | 2005 – 2010 |
| 2. | Head of control section in Electrical Engineering; College of Engineering. | 2004 – 2011 |
| 3. | Chairman of Electrical Engineering Department; College of Engineering | 2011 – 2012 |
| 4. | Deputy Dean for Academic Affairs; College of Engineering. | 2012 -2013 |
| 5. | Member, SUST Senate | 2011 to Now |
| 6. | Member, SUST Academic Committee | 2012 -2013 |
| 7. | Member, SUST Publishing Committee | 2010 to Now |
| 8. | Member, Engineering College Council | 2011 -2013 |
| 9. | Member, Engineering College Research Council | 2011 -2013 |

(10) Social Activities:

Academic Advisor for Engineering College Students.

(11) Publications:

1. **Taifour A. Ali**, Abdelaziz Y. M. Abbas, Ekram Hassabo Abaid Osman. Control of Induction Motor Drive using Artificial Neural Network. SUST Journal of Engineering and Computer Science (JECS). **15**(2): 1-7.
2. Ahmed A. Emam, Eisa Bashier M. Tayeb1, **Taifour A. Ali** and Musab M.S.A. Master-Slave Speed Control of Double Induction Motor. International Journal of Computational Engineering Research. **3**(5): 115-118.

3. Eisa Bashier M. Tayeb1, **Taifour A. Ali**, Ahmed A. Emam. Electrical Energy Management and Load Forecasting in a Smart Grid. *International Journal of Engineering Inventions*. **2**(6): 98-101.
4. Ahmed A. Emam, Eisa Bashier M. Tayeb, **Taifour A. Ali** (2013). Adaptive Neuro-fuzzy Inference System Identification of an Induction Motor. *European Journal of Science and Engineering*, **1**(1): 29-33.
5. Ghazally Y. Mustafa, **Taifour A. Ali**, Eisa Bashier M. and Mirghani Fateh Elrahman , "Neuro-Fuzzy Controller Design for A DC Motor Drive", (Accepted).
6. **Taifour A. Ali**, Abdelaziz Y. M. Abbas and Ekram Hassabo Abaid Osman, "Control of Induction Motor Drive Using Artificial Neural Network", *Journal of Engineering and Computer Science*, (Accepted).
7. Eisa Bashier M. Tayeb, **Taifour A. Ali** and Ahmed A. Emam (2013). Electrical Energy Management and Load Forecasting in a Smart Grid. *International Journal of Engineering Inventions* **2** (6): 98-101.
8. Eisa Bashier M. Tayeb, **Taifour A. Ali** and M. Albager Alkhir H. Ali (2013). Extraction of Electrical Power Transformer Parameters. *International Journal of Engineering And Computer Science*, **2** (1): 187-195.
9. **Taifour A. Ali**, Eisa Bashier M. Tayeb, M. Ahmed Kajala (2012). Double Column Lathe Vertical Machine Control Using PLC. *IJPRET*, **1**(2): 51-56.
10. Galal A. Ali and **Taifour A. Ali** (2012). Characteristics and Prediction of Traffic Accident Casualties In Sudan Using Statistical Modeling and Artificial Neural Networks. *International Journal of Transportation Science and Technology*, **1** (4): 305-317.
11. **Taifour A. Ali**, Eisa Bashier M. Tayeb and M. Eihab Suliman (2012). Auto-parking Control using Radio Frequency Identification (RFID). *ARPN Journal of Systems and Software*, **2** (11): 294-296.
12. **Taifour A. Ali**, Eisa Bashier M Tayeb, Ms. Kawthar A. Adam (2012). A Multi-Machine Power System Stabilizer Using Fuzzy Logic Controller. *International Journal of Computational Engineering Research*, **2** (6): 28-32.
13. **Taifour A. Ali**, Eisa Bashier M. Tayeb and Omar Busati alzain Mohd (2012). Adaptive PID Controller for DC Motor Speed Control. *International Journal of Engineering Inventions*, **1** (5): 26-30.
14. Eisa Bashier M. Tayeb and **Taifour A. Ali** (2012). Comparison of some Classical PID and Fuzzy Logic Controllers. *International Journal of Scientific & Engineering Research*, **3** (9): 1-5.
15. Mirghani Fateh Elrahman, Ahmed Imam, and **Taifour A. Ali** (2009). Fuzzy Control Design for A Twin Rotor Multi-Input Multi-Output System (TRMS). *Sudan Engineering Society Journal*, **55** (53): 19-25.