

CURRICULUM VITAE

...Taha Ahmed Hussein....

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EDUCATION

1979 - 1983	University of Technology B.Sc Major: Electrical and Electronic Engineering
2001 – 2005	University of Mosul M.Sc Major: power and machines Engineering

ACADEMIC EMPLOYMENT

March 1989- October 1991: Assistant lecturer at Mosul Technical Institute-Iraq.

December 1993- June 1996: Assistant lecturer at Mosul technical Institute - Iraq.

June 1996 – July 2015: Lecturer at Northern Technical University, Mosul Technical College, Iraq.

July 2015- to present : Assistant Professor at Northern Technical University, Mosul Technical College, Iraq

PUBLICATIONS

1. Al-Nimma D. Ali and Hussein T.A “*Digital computer simulation for dual converter systems*”. The Eleventh Iraqi scientific engineering conference, October 1993, Baghdad – Iraq.
2. Al-Nimma D. Ali and Hussein T.A “*Computer simulation of a D.C drive system*”. The sixth scientific conference for foundation of technical institutes, March 1998, Baghdad-Iraq.
3. Hussein T.A. “*Pspice analysis of thyristor phase controlled converters and cycloconverters*”. The scientific journal of Tikrit University, vol.5, No.4, pp 84-99, 1998, Tikrit-Iraq.
4. Maan M.S, Hussein T.A and Their A.S “*Design and implementation of*

- industrial line to count and package drug tablets automatically*". Al-Teqany journal vol.2, pp 200-213, Foundation of technical institutes, June 2005, Baghdad-Iraq.
5. Taha Ahmad Hussein "*Modeling and simulation of single-phase cycloconverters based on matrix converters and CPLD*", 11th scientific conference, Technical college Baghdad, Foundation of technical education Iraq-April-2008.
 6. Bashar S. Mohamad-Ali, Taha A. Hussein and Laith A. Mohammed " *Design and implementation of a CPLD-based multilevel inverter*", Vol.16 No.4 Dec. 2009 Tikrit University Iraq.
 7. Taha Ahmad Hussein " *Voltage Spikes and Harmonic Reduction for Inductive Load Single Phase Matrix Converter Using MATAB*", The second international conference on computer and electrical engineering ICCEE 2009, Dubai-UAE, Volume 1 , session 5, paper page 219-223.
 8. Taha Ahmed Hussein "*Analysis of Brushless DC Motor with Trapezoidal Back EMF using Matlab*", Jordan Journal for Electrical Engineering JJEE Volume 1, Number 1 , 2015 paper pages(13-24) .
 9. Taha Hussein , Ibrahim Sheet " A Simulink Matlab Model Based Selective Harmonic elimination for a PWM inle Phase Inverter", The 2nd International Conference for Engineering Technology & Sciences of Al-Kitab University , November 2018.

TEACHING EXPERIENCE _____

➤ **Subjects (theoretical and practical)**

- Power Electronics.
- Digital Electronics and Microprocessors.
- Control.
- Electrical Machines.
- Signal Processing.
- Mathematics and linear algebra.
- Electromagnetic.
- Electronics.
- Neural networks.

TEACHING INTERESTS _____

Power electronics, control, neural networks