

CURRICULUM VITAE

....Mohammed Yahya Suliman....

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EDUCATION

2010 - 2014	University of Mosul, Ph.D. Major: power Engineering
1995 – 1998	University of Mosul, M.Sc Major: power Engineering
1995-1991	University of Mosul, B.Sc Major: power Engineering and Machines

ACADEMIC EMPLOYMENT

1999 - 2006	Electrical Engineering Department, University of Al- Tahadi , Libya. Teaching involved (Lecturing and lab. Work) the subjects: Automatic Control- Instruments & Measurements -Advanced Instruments –Industrial Control – Electrical Machines-Digital Electronics-Microprocessor and Microcomputer as well as supervision of projects for final year students.
2006-present	Technical college-Mosul/Northern Technical University (NTU), Iraq: (Assistance professor from 2016) <ol style="list-style-type: none">1. Lecturer in Technical Computer Eng. Dept., teaching (involve Lecturing and Lab.) the subjects: Power Electronics, Computer Applications and Fundamentals of Electrical Engineering.2. Lecturer in Technical Power Eng. Dept., teaching (involve Lecturing and Lab.) the subjects: Electrical Power System, Power System Analysis and supervision of projects for final year students.

HONORS AND AWARDS _

5 HONORS AND AWARDS FROM THE PRESIDENT OF NORTHERN TECHNICAL
UNIVERSITY

PROFESSIONAL AFFILIATIONS AND SERVICES

2004 - 2006 **Industrial Trainer in Training and Development department in Sirte Oil Company (SOC) Brega, Libya:**

- Giving Technical courses for City and Guilds (C&G) of London Institute Programme 8670 Parts 1&2, also short Industrial courses.
- In charge of the Power Station practical training for technician and new engineers.
- Analysis and preparing courses, describing the control loops for different SOC plants. This includes Distributed Control System (DCS) and Programmable Logic Control (PLC) systems.
- Authorships in many short courses: Process Control, Basic Electricity Computerized Control System

PUBLICATIONS

Journal papers

1. **Mohammed Y. Suliman** and Rakan Khalil Antar, " Power Flow Controller Based on A New Proposed STATCOM Controller", International Journal of Applied Science and Engineering, vol 7, no 4, **(2018)**
2. **Mohammed Y. Suliman**, " Design of Static Synchronous Compensator STATCOM Based on Neuro-Fuzzy Logic Control", under process of publication in Journal of Engineering and Development, University of AL-Mustansiriya, **(2016)**
3. **Mohammed Y. Suliman**, " A Proposal Technique of High Impedance Fault Detecting Using Adaptive Neuro- Fuzzy Logic Control", Engineering and Technology Journal, University of Technology, vol 34, part (A), Issue 11, pp 2086-2095, **(2016)**
4. **Mohammed Y. Suliman**, "Voltage Profile Improvement Using Static Synchronous Compensator STATCOM", International Journal of Advanced Engineering, Management and Science, Vol. 2, Issue-5, May, **(2016)**.
5. **Mohammed Y. Suliman**, Sameer Sadoon, "Design of Fast Real Time Controller for the Dynamic Voltage Restorer Based on Instantaneous Power Theory ", International Journal of Energy and Power Engineering, Vol 5, Issue 2-1, **(2016)**.
6. **Mohammed Y. Suliman**, " A New Technique of Microcomputer Based Overcurrent Relay", Al-Rafidain Engineering Journal, vol 16, No. 5, **(2008)**.
7. **Mohammed Y. Suliman** and Amer Kado, "Design Three Phase Overcurrent Relay Based on Microcomputer", Journal of Engineering Science Tikrit, **(2008)**.

Conferences papers

1. **Mohammed Y. Suliman**, M. Emad Farrag "Power Balance and Control of Transmission Lines Using Static Series Compensator", IEEE 53rd International Universities Power Engineering Conference 2018 (UPEC 2018). 4th-7th Sept, Glasgow, UK. **(2018)**.
2. **Mohammed Y. Suliman**, "Adaptive Controller based on Power Flow Regulation using FACTS Device", published in 2nd international scientific conference of Southern Technical University (STU), Basra, Iraq, **(2017)**.
3. **Mohammed Y. Suliman**, M. Emad Farrag and Sinan Bashi " Design of Fast Real Time Controller for the SSSC Based on Takagi-Sugeno (TS) Adaptive Neuro-Fuzzy Control System", International Conference on Renewable Energies and Power Quality (ICREPQ'14), Cordoba, Spain, 8-10Apr, **(2014)**.

4. **Mohammed Y. Suliman** and S. Bashi, "Fast Response SSSC Based on Instantaneous Power Theory", First International Scientific Conference (ICECCPCE13), Mosul, Iraq, 17-18 Dec, (2013).
5. **Mohammed Y. Suliman** and S. Bashi, " Instantaneous Active and Reactive Power Measuring in Three Phase Power System", 3rd International Scientific Conference, Najaf, Iraq, 20-21 Feb, (2013).
6. **Mohammed Y. Suliman**, " Microcomputer Based High Impedance Fault Detection In Low-Voltage Distribution Feeders", 3rd international Scientific Conference of Wassit University, Wasit, Iraq, 9-10 Dec, (2009).
7. Amer Kado and **Mohammed Y. Suliman**, " Distribution of Eddy Current and Power Loss Density on The End Face of Solid Cylindrical Rotor", 10th international Scientific Conference for Foundation of Technical Education, Baghdad, Iraq, 28-29 Mar. (2007).

TEACHING EXPERIENCE _____

TEACHING INTERESTS _____

Power Engineering , Power Electronics, FACTS and Power Quality