



Curriculum Vitae

Dr. Wafaa S. Majeed

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PERSONAL SUMMARY:

Wafaa saeed is Asst. Prof. in Electrical Engineering Department at Al- Mustansiriyah University Since 2008. Before joining Al- Mstansiriyah University, she was employed in the Ministry of Industrial & Minerals. Doctorate in power and machines in 2004, current research interest includes dynamics in power system, computer aided analysis in power systems, teaching of several articles such as: reliability of power system, power system analysis and supervision in laboratory machines

EDUCATION:

- Ph.D. Doctor of Engineering Education Technology/ Electrical Engineering- University of Technology-Baghdad-2004
- M.Sc. Master of Engineering Education Technology/ Electrical Engineering- University of Technology – Baghdad -1999
- B.Sc. Bachelor of Electrical Eng. – University of Technology – Baghdad -1986

ACADEMIC HONORS AND AWARDS:

- Al-Mustansiriya University Day Award - 2013
- A number of letters of thanks from the Dean of the College, the President of the University, and His Excellency the Minister of Higher Education and Scientific Research:

ACADEMIC /TEACHING EXPERIENCE:

- Teaching undergraduate students
- Teaching graduate students
- Supervising postgraduate research by master's students specializing in power and machinery.
- Many scientific research published in the field of power system dynamics simulation and analysis:

COURSES TAUGHT:

Undergraduate	Graduate
1. Electrical power system III /theory	Reliability of power system
2. Supervision of the electrical machines laboratory/practical/third stage	
Supervision of the electrical power laboratory / practical / fourth stage	

PROFESSIONAL AFFILIATIONS:

- Chairman of the plagiarism Committee
- Member of the Audit committee for the examination committee
- Member for several years in the examination committee
- member of the Scientific Clearing Committee
- Educational Guidance Committee
- The review committee for the structure of writing theses and dissertations for postgraduate students

PUBLICATIONS:

1. A Reliable Load Flow Method for Radial Distribution Systems.
2. Reducing the Impacts of Distributed Generation in Transmission & Distribution Networks Protection Using Fault Current Limiters
3. Optimal Placement of Distributed Generating in Distribution System Based on Cost worth & System Reliability Indices.
4. Voltage Collapse Optimization for the Iraqi Extra High Voltage 400 kV Grid based on Particle Swarm Optimization.
5. Ultimate load ability improvement based on contingency ranking and line voltage stability index using genetic algorithm.
6. Reliability Improvement in Distribution System by Injected Distributed Generation Based on Zone Branches Methodology.
7. Improve the Performance of Automatic Voltage Regulator for Power System Using Self-Tuning Fuzzy-PID Controller.
8. Generation Reliability Enhancement based on Reliability Indices.
9. The gravitational search algorithm for incorporating TCSC devices into the system for optimum power flow.
10. Ultimate Loadability Improvement Based on Contingency Ranking and Line Voltage Stability Index Using Genetic Algorithm.
11. RELIABILITY IMPROVEMENT IN DISTRIBUTION SYSTEM BY INJECTED DISTRIBUTED GENERATION BASED ON ZONE BRANCHES METHODOLOGY
12. CONGESTION MITIGATION IN DISTRIBUTION NETWORK BY INTEGRATED DISTRIBUTED GENERATIONS FOR IMPROVING VOLTAGE PROFILES AND MINIMIZING THE LOSSES
13. Economic power dispatch for an interconnected power system based on reliability indices
14. SOLVING ECONOMIC LOAD DISPATCH WITH RELIABILITY INDICATORS
15. Distributed Generation Integration Based on Optimization Techniques for Cost Minimization and Improve Networks Characteristics
16. Generation Reliability Enhancement based on Reliability Indices
17. A Comprehensive Review for Application of Fault Current Limiters in Power Systems

PROFESSIONAL DEVELOPMENT

1. Participation in more than 15 local scientific conferences.
2. Participation as a lecturer in a scientific symposium on the effects of electromagnetic fields in high-tension lines on human health.
3. Participation as a lecturer in a scientific symposium on preparing scientific research / held by the Research and Studies Center / Iraqi University
4. Participation as a lecturer in a scientific symposium on teaching, science, art, and skill / held by the Research and Studies Center / Iraqi University

5. Participation as a lecturer in a scientific symposium on occupational safety / in cooperation with continuing education center/ College of Engineering / Al-Mustansiriya University.
6. Member of a committee to study the creation of a doctoral study specializing in power and machinery
7. Participation in updating the electrical power systems curriculum / third stage.

Signature Head of Department

الدكتور. ياسين يوسف الملا
رئيس قسم الهندسة الكهربائية
٣-٣

Signature Vice Dean

الدكتور المساعد الدكتور
عبدالله محمد الجبوري
نائب عميد كلية الهندسة

المسيرة الذاتية

د. وفاء سعيد مجيد

الجامعة المستنصرية - كلية الهندسة

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ملخص تعريفي:

أ.م.د. وفاء سعيد مجيد - تدريسية بقسم الهندسة الكهربائية / الجامعة المستنصرية منذ عام 2008. قبل التحاقها بالجامعة عملت في مواقع مختلفة تابعة لوزارة الصناعة والمعادن. حاصلة على شهادة الدكتوراه بعلوم الهندسة الكهربائية منذ 2004 تخصص قدرة ومكائن. لدي العديد من البحوث العلمية المنشورة في مجال محاكاة ديناميكية نظم القدرة وتحليلها .

الشهادات الدراسية:

- دكتوراه بعلوم الهندسة الكهربائية/تخصص نظم القدرة / الجامعة التكنولوجية/ 2004
- ماجستير بعلوم الهندسة الكهربائية/تخصص نظم القدرة / الجامعة التكنولوجية / 1999
- بكالوريوس بعلوم الهندسة الكهربائية/كهرباء عام / الجامعة التكنولوجية / 1985-1986

الجوائز والتكريم الأكاديمي

- جائزة يوم الجامعة المستنصرية - 2013
- عدد من كتب الشكر من قبل عميد الكلية و رئيس الجامعة ومعالي السيد الوزير .
- الخبرة الأكاديمية والتدريس:
- تدريس طلبة الدراسات الأولية
- تدريس طلبة الدراسات العليا
- الاشراف على بحوث الدراسات العليا من طلبة الماجستير تخصص قدرة ومكائن.
- العديد من البحوث العلمية المنشورة في مجال محاكاة ديناميكية نظم القدرة وتحليلها .

المقررات الدراسية التي تم تدريسها:

الدراسات الآتية	الدراسات العليا
1. Electrical power system III /theory	Reliability of power system
2. Supervision of the electrical machines laboratory /practical/third stage	
3. Supervision of the electrical power laboratory / practical / fourth stage	

الانتماء المهني او الجمعيات:

- رئيس لجنة الامتثال الالكتروني
- عضو لجنة التفيق عن اللجنة الاستشارية
- عضو لجنة مشرف في اللجنة الاستشارية
- عضو سابق بلجنة المنافسة العلمية
- لجنة الارشاد التربوي
- لجنة المراجعة لهيكلية لتأدية رسائل وطرايح مجلة الدراسات العليا

العنصرات العلمية

1. A Reliable Load Flow Method for Radial Distribution Systems.
2. Reducing the Impacts of Distributed Generation in Transmission & Distribution Networks Protection Using Fault Current Limiters
3. Optimal Placement of Distribution Generating in Distribution System Based on Cost worth & System Reliability indices.
4. Voltage Collapse Optimization for the Iraqi Extra High Voltage 400 kV Grid based on Particle Swarm Optimization.
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6. Reliability Improvement in Distribution System by Injected Distributed Generation Based on Zone Branches Methodology.
7. Improve the Performance of Automatic Voltage Regulator for Power System Using Self-Tuning Fuzzy-PID Controller.
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16. Generation Reliability Enhancement based on Reliability Indices
17. A Comprehensive Review for Application of Fault Current Limiters in Power Systems

- تطوير المهارات:
- المشاركة في اكثر من 15 مؤتمر علمي محلي.
- مشاركة بصفة محاضرة في ندوة علمية عن التأثيرات المجالات الكهرومغناطيسية لخطوط الضغط العالي على صحة الانسان
- مشاركة بصفة محاضرة في ندوة علمية عن اعداد الابحاث العلمي / اقامها مركز البحوث والدراسات/ الجامعة العراقية
- مشاركة بصفة محاضرة في ندوة علمية عن التدريس علم وفن ومهارة / اقامها مركز البحوث والدراسات/ الجامعة العراقية
- مشاركة بصفة محاضرة في ندوة علمية عن السلامة المهنية / بالتعاون مع التعليم المستمر / كلية الهندسة/الجامعة المستنصرية.
- عضو في لجنة لدراسة استحداث دراسة دكتوراه بتخصص فترة ومكان
- مشاركة في تحديث منهاج الفترة / المرحلة الثالثة.



توفيق معاذ السيد
مستشار الدراسات والبحوث
مركز البحوث والدراسات
الجامعة العراقية


توفيق رئيس القسم
د. ياسمين يوسف الماسود
رئيس قسم الهندسة الكهربائية
٣-٣