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## Faculty Vitae

### 1. Name

Mustafa F. Mohammed

### 2. Education

B.S.C: Electrical Engineering 2004-2007.

M E: Power systems and Electric Drives 2010-2012.

PhD: Currently PhD student in University of Technology starting from Nov. 2014.

### 3. Academic experience

University of information technology & communications / Collage of Business Informatics , Assistant Lecturer, from July 2015 – till the present time, (Part time).

### 4. Non-Academic experience

- Electrical engineer in University of Higher Education and Scientific Research. Nov. 2007 – June 2015.
- Auto CAD & Photo \_Shop .
- Matlab
- Orcad / PSpice
- C++
- Psim
- Visual Basic
- LabView and Multisim
- Microsoft Office & Ubuntu Linux

### 5. Certifications or professional registrations

- Thanking certificate for completing Master degree in India from the Minister of Higher education & scientific research in 27/10/2013 .
- Thanking certificate for completing verification of the designs of ALFalluja University from the Minister of Higher education & scientific research in March 2014 .
- Thanking certificate from the director of UOITC for publishing a paper in IJET(UAE) in Nov.

## 9. Publications/Presentations

1. Dr. A.K.M. Al-Shaikhli; Mustafa F. Mohammed , " Effects of lamination packs in Induction heating work coil design by the Super position Method , international journal of core engineering management , Volume 1, Issue 9, p.p 1-8 , December 2014.
2. Mustafa F. Mohammed, Inderpreet Singh, " Improving LVRT of integration of fixed speed SCIG wind turbine to the grid " International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering , Vol.6 No. 7,2017.
3. Mustafa Fawzi Mohammed, Abdulrahim Thiab Humod , Ali Husain Ahmad, " Design and Simulation of a New Seven Levels Inverter for Renewable Energy Sources", Journal of Engineering and Applied Sciences ,Vol.13 No. 16, 2018.
4. Mustafa F. Mohammed, Ali H. Ahmad and Abdulrahim Thiab Humod ," NEW SWITCHING TECHNIQUE FOR THE MODIFIED CASCADE FIVE LEVELS INVERTER ", ARPN Journal of Engineering and Applied Sciences, Vol.13 No. 14, 2018.
5. Mustafa Fawzi Mohammed, Ali Husain Ahmad, Abdulrahim Thiab Humod ," [Efficiency Improvement of dc/dc Boost Converter by Parallel Switches Connection](#)", International Journal of Applied Engineering Research ,Vol.13 No. 9, 2018.
6. Mustafa Fawzi Mohammed, Ali Husain Ahmad, Abdulrahim Thiab Humod ," [Harmonics reduction of a five-level inverter by unbalanced carriers and over-modulation techniques](#)". International Journal of Engineering & Technology (UAE), Vol.7 No. 3, 2018.