**CURRICULUM VITAE**

**Ziyad S. D. Almajali**

Assistant Professor

Mutah University

Faculty of Engineering

B.O. Box 7

Karak – 61710 - Jordan

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 E-mail: ziadmaj@yahoo.com

**EDUCATION**

**Ph.D. in Electrical Engineering** 2011 – 2015

*The University of Liverpool* *Liverpool, UK*

* Dissertation Title: Fault Locator and classification for a Parallel Transmission Line Using Chromatic Processing

**M.S. in Electrical and Computer Engineering** 2003 – 2004

*New York Institute of Technology Amman, Jordan*

* graduate with distinction: Earned a Cumulative GPA of 3.88/4

**B.Eng. in Electrical Engineering/Power** 1992 – 1997

*Mutah University Karak, Jordan*

* honored with the Outstanding Student Award: Cumulative GPA of 72.18%

**RESEARCH INTERESTS**

* High voltage.
* Power system protection.
* Power electronics.

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| **ACADEMIC POSITIONS**  |  |
| **Assistant Professor**  | Sep, 2015 – Present  |
| Electrical Engineering Department *Mutah University* | *Karak, Jordan* |
| **TEACHING EXPERIENCE**  |  |

**Mutah University** *Karak, Jordan*

*Assistant Professor*

* 0401441 Automatic Control
* 0401465 Industrial Electronics and Machine Drives Lab
* 0401478 Electric Machines Lab
* 0401483 High Voltage
* 0401489 Power Systems Lab
* 0401549 Machines Controllers and Industrial Processes Control Lab
* 0401587 Power Systems Protection
* 0401589 High voltage and Protection Lab
* 0401583 Electrical Energy Management
* 0401463 Power Electronics
* 0401373 Electric Machines
* 0401121 Principles of General Electricity
* 0401484 Power system simulation programming Lab

**ADMINISTRATIVE EXPERIENCE**

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| **Research** **Center** **Director Assistance** | March, 2020 – till now |
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| Prince Faisal Center For Dead Sea, Environmental and Energy Research*Mutah University*  | *Karak, Jordan* |

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| **Head of the Electrical Engineering Department**  | July, 2018 – August 2019 |
| Electrical Engineering Department *Mutah University*  |  *Karak, Jordan* |

**PROFESSIONAL EXPERIENCE**

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| **Electrical engineering laboratory supervisor**  | Apr, 1998 – Oct, 2011 |
| Electrical Engineering Department *Mutah University*  |  *Karak, Jordan* |

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| **Electrical engineer – part time job**  | Feb, 2010 – Oct, 2011 |
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| Engineering office *Mutah University*  | *Karak, Jordan* |

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| **P R O F E S S I O N A L M E M B E R S H I P S**  |  |
| Member of the Jordan Engineers association  | 1997 - present  |

**L A N G U A G E S**

* English (Fluent)
* Arabic (Native Speaker)

**Research Papers**

1- Z. Almajali, ‘Transmission Line Fault Diagnosis Using Chromatic Monitoring’ Chapter 19 In book: Advanced Chromatic Monitoring By G. R. Jones, J. W. Spencer, ISBN 9780367409470, Taylor & Francis Group 2020.

2- H. D. Al-Majali, B. H. Al-Majali and Z. Almajali, ‘Reduced Harmonics Generated and Reactive Volt-Ampere absorption of HVDC Converter Using By-Pass Switch’ WSEAS Transactions on Systems and Control 2020.

3- S. Al-Juboori, S. Al-Dmour and Z. Almajali, ‘Smart residential house saving energy system’ Scientific Technical Union of Mechanical Engineering" Industry 4.0", Pages 72-77, 2019.

4- Z. S. D. Almajali, J.W. Spencer, and G.R. Jones, ‘Fault Locator for a Parallel Transmission Line Using Chromatic Processing’ The 8th Jordanian International Electrical and Electronics Engineering Conference, (JIEEEC 2013). Amman, Jordan. 16-18 April 2013.

5- Z. S. D. Almajali, J.W. Spencer, and G.R. Jones ‘Asymmetrical Fault Classier for a Parallel Transmission Line Using Chromatic Processing’ The 7th IET international conference on power electronics, machines and drives (PEMD 2014). Manchester, UK. 8 - 10 April 2014.

**REFERENCES**

Abdullah Al-Odinat, Ph.D.

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Professor, Mutah university

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