Date 5/10/2021



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| **Dr. Mohammad Fawzi Zaki Ismail** |

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| **Personal information** | |
|  | Title: Lecturer |
|  | Academic Rank:Assistant Professor |
|  | Date & Place of Birth: 19/4/1989- Makka/ Saudi Arabia |
|  | Nationality: Jordanian |
|  | Address: Al-Bunyat- Amman |
|  | Phone No.: 0788728770 |
|  | e-mail: |

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| **Academic qualifications** | | | | |
| Degree | Major | Duration  (From-To) | University | Country |
| PhD | Mechanical Engineering / thermal science and renewable energy | 2016-2020 | Northumbria | United Kingdom |
| Master | Mechanical Engineering | 2012-2015 | The University of Jordan | Jordan |
| Bachelor | Mechanical Engineering/ Thermal Science and Hydraulic Machines | 2007-2012 | Al Balqaa Applied University | Jordan |
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| **Teaching experience** | | | | |
| Duration | Rank | Institution | Department/Faculty | Country |
| 2020-recent | Assistant professor | Amman Arab University | Renewable Energy Engineering | Jordan |
| 1/6-1/9 2020 | Lecturer | AL-Khwarizmi Collage | Mechanical Engineering | Jordan |
| 1/2/-3/6/2020 | Lecturer | Al- Zaytoneeh University | Mechanical Engineering | Jordan |
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| **Other experience** | | | | |
| Duration | Rank | Institution | Department/Faculty | Country |
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| **Publications** | | | | | |
| **Journals** | | | | | |
| **Author/s**  **(In Order)** | **Title** | | **Journal** | **Vol./No.** | **Publication Date** |
| Mohammad Ismail, Awni H.Alkhazaleh, JafarMasri, Abdullah Masoud Ali, Malek Ali | Experimental and Numerical Analysis of Paraffin Waxes during Solidification inside Spherical Capsules | | Thermal Science and Engineering Progress | - | 2021 |
| Sol-Carolina Costa, Khamid Mahkamov, Murat Kenisarin, Mohammad Ismail, Kevin Lynn, Elvedin Halimic, David Mullen | Solar salt latent heat thermal storage for a small solar organic Rankine cycle plant | | Journal of Energy Resources Technology | 142 | 2020 |
| SOL-CAROLINA COSTA, MOHAMMAD ISMAIL, MURAT KENISARIN, KHAMID MAHKAMOV, DAVID MULLEN, ELVEDIN HALIMIC, KEVIN LYNN | [COMPARATIVE STUDY OF TWO TYPES OF MEDIUM TEMPERATURE PHASE CHANGE MATERIALS](https://books.google.com/books?hl=en&lr=&id=Ns2uDwAAQBAJ&oi=fnd&pg=PA37&dq=info:FfHJKuxT5UEJ:scholar.google.com&ots=vGthVqwFMz&sig=3SMQF4j2-ow6nENQJKAqyDWy6Cc) | | WIT Transactions on Ecology and the Environment | 237 | 2019 |
| **Conferences** |  | | | | |
| Experimental and numerical study on melting of solar salt in a finned metallic container | [Experimental and numerical study on melting of solar salt in a finned metallic container](https://asmedigitalcollection.asme.org/IMECE/proceedings-abstract/IMECE2018/V06BT08A055/275347) | ASME International Mechanical Engineering Congress and Exposition | | USA | 2018/11/9 |

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| **Books** |  |  |  |  |
| Author/s  (In Order) | Title | Publisher | Edition | Date |
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| **Memberships OF Scientific and professional societies** | | | | |
| 1. Jordan Engineering association. | | | | |
| **university Committees** | | | | |
| 1. Library. 2. Website. 3. ELearning. 4. Exams. 5. Training. 6. Student’s affairs. 7. Business Development. 8. Initiatives and projects. | | | | |
| **Workshops Attended** | | | | |
| 1. Firefighting. 2. HVAC. | | | | |
| **Workshops Offered** | | | | |
| **Research interests** | | | | |
| Phase change Material, Thermal Management, and Latent heat thermal energy storage system | | | | |
| **Languages** | | | | |
| Arabic, English | | | | |

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| **Other Community activities** | |
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| **Awards received** | |
| **Graduate Students Supervision** | |
| Student Name | Thesis Title |
|  | |
| **References** | |
| • Dr. Islam Shyha  islam.shyha@northumbria.ac.uk  Tel: +44 0191 243 7834  [abadran@philadelphia.edu.jo](mailto:abadran@philadelphia.edu.jo)  • Prof. Dr. Nabil Beithou  [beithounabil@yahoo.com](mailto:beithounabil@yahoo.com)  Tel: +962790764692 | |