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.
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| **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.
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| **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 Shyhaislam.shyha@northumbria.ac.ukTel: +44 0191 243 7834 abadran@philadelphia.edu.jo• Prof. Dr. Nabil Beithoubeithounabil@yahoo.comTel: +962790764692 |