

Dr. Yousaf Hameed



Education

- 2019 PhD Electrical Engineering**
(Spanish National Gazette: Design Manufacturing and Management of Industrial Projects)
Instituto De Diseño Y Fabricación (IDF), School of Design Engineering
Universitat Politècnica de Valencia, Spain
Specialization: Design Optimization of Thin Film Solar Cells
Thesis: Modeling of High Power Conversion Efficiency Thin Film Solar Cells
Prevailed grade of honors award with mentions Excellent “Cum Laude” and “International Doctor’s Degree Award”
- 2015 MS Electrical Engineering**
University of Engineering & Technology Taxila, Pakistan
Specialization: Power Engineering
Thesis: Smart Energy Management System
- 2008 B.Sc. Electrical Engineering**
Federal Urdu University of Arts, Science & Technology, Islamabad, Pakistan

Academic/ Professional Affiliation

Affiliations

- Research Affiliate: Instituto De Diseño Y Fabricación (IDF), Universitat Politècnica de Valencia, Spain
- Research Affiliate: Centre for Advanced Electronics & Photovoltaic Engineering (CAEPE), Islamabad

Membership

- Pakistan Engineering Council (PEC)
- Institution of Engineers Pakistan (IEP)

Working Experience

- | | |
|-----------------------------|---|
| Jun 2022–date | Assistant Professor
Software Engineering
Federal Urdu University of Arts, Science & Technology Islamabad, Pakistan |
| Jun 2015–Mar 2017 | Lecturer
Electrical Engineering
Federal Urdu University of Arts, Science & Technology Islamabad, Pakistan |
| Sep 2011– Jun 2015 | Lab Engineer |
| April 2017- Jun 2022 | Electrical Engineering
Federal Urdu University of Arts, Science & Technology Islamabad, Pakistan |

Administrative/Additional Responsibilities:

- | | |
|-----------------------------|--|
| March 2024- to date | Manager (Innovation & Commercialization) ORIC, FUUAST |
| Jan 2023- March 2024 | Deputy Director ORIC, FUUAST Islamabad |
| March 2024- to date | Facilitation Officer for Engagement Services, Youth Development Center, FUUAST Islamabad |
| Jan 2022- to date | Focal Person Youth Development Center/Kamyab Jawan Markaz, FUUAST Islamabad |
| 2023 – 2024 | Super Focal Person, Prime Minister Youth Laptop Scheme, FUUAST Islamabad & Karachi |
| Jan 2024- to date | Member Discipline Committee, FUUAST Islamabad |

Personal Information

Father Name : ISLAM SHAH
Passport No : BW4175193
Nationality : PAKISTANI
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Research Interests/ Activities

Chip Designing, Renewable Energy Systems, Smart Energy Management Systems, Design, and fabrication of thin films for solar cells, Numerical modeling of thin film solar cell

[Web of Science](#)
[K-6923-2014](#)

[ORCID](#)
[0000-0002-7565-192X](#)

[ResearchGate](#)

[Scopus](#)

[Google Scholar](#)

[Research ID](#)

Research Affiliation/Collaboration:

- Instituto De Diseño Y Fabricación (IDF), Universitat Politècnica de Valencia, Spain
- Instituto de Energía Solar, ETSI Telecomunicación, Universidad Politécnica de Madrid, Spain
- Centre for Green Chemistry and Applied Chemistry, INTI International University, Putra Nilai, Negeri Sembilan, Malaysia
- Laboratory for Materials, Nanomaterials for Photovoltaic conversion and Electrochemical Storage (MANAPSE), Mohammed V University, Rabat, Morocco
- Center for Advanced Materials (CAM), Qatar University, Doha, Qatar
- Centre for Advanced Electronics & Photovoltaic Engineering (CAEPE), Islamabad, Pakistan
- Information Technology University Lahore, Pakistan
- COMSATS University Islamabad, Pakistan

Publications

Total Publications: 58

Cumulative Author Impact Factor: 133.162

Citations: 1557

h-index: 25

i10-index: 36