Northern Technical University

Personal information

Full name	Taha Abdulsalam Taha Hussain
Scientific title	Assistant Lecturer
employment position	lecturer
Department	Unit of Renewable Energy
Branch	
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Academic Degrees

University	Academic Degree	date of the Degree	Specialization	Country
Universiti Malaysia Perlis (UniMAP)	Bachelors	2017	Electrical Engineering	Malaysia
Universiti Malaysia Perlis (UniMAP)	Masters	2019	Electrical Power Engineering	Malaysia

Teaching experience

Undergraduate studies	YES
Graduate Studies	NO

Research and scientific activity

Published researches	57
Conferences and seminars	30

Membership in scientific, professional societies and publishing houses	
Profiles	
Google Scholar Profile	https://scholar.google.com/citations?hl=en&user=F9RA2RkAAAAJ&view_op=list_works&sortby=pubdate
Researcgate Profile	https://www.researchgate.net/profile/Taha-Taha-14
Publons Profile	https://www.webofscience.com/wos/author/record/HMP-0457-2023
ORCID iD	https://orcid.org/my-orcid?orcid=0000-0002-8983-5527
Scopus	https://www.scopus.com/authid/detail.uri?authorId=57669004600

Scientific and research interests:

AI, Electronic, Electrical, Energy

The subjects were taught:

1- Industrial installations
2- Electrical installations
3- Occupational safety
4- Power Electronics
5- Advance digital

Last researches:

Research Title	Research Link
Operational Optimization of High Voltage Power Station Based Fuzzy Logic Intelligent Controller	https://www.scientific.net/AMM.793.100

Integrated DC-AC Inverter for Hybrid Power System	https://www.scientific.net/AMM.793.252
Power Plant Station Protection System against Voltage Fluctuation	https://www.scientific.net/AMM.793.65
Study of TiO2 Energy Gap Based Temperature Annealing for High Performance Solar Cells	https://www.scientific.net/AMM.793.425
Efficient Power Generation for Smart Homes Based Titanium Dioxide (TiO2)	https://www.scientific.net/AMM.793.430
Early Warning for DC Power Failure System	https://www.scientific.net/AMM.793.124
Wind Turbine Farm as an Alternate Electric Power Generating System in Perlis-Malaysia	https://www.scientific.net/AMM.793.333
Intelligent Controller of High Voltage Power Station Based Artificial Neural Network	https://www.scientific.net/AMM.793.505
A High-Speed Economical Industrial Control System “Programmable Controller for Industrial Automation” (PCIA)	https://www.scientific.net/AMM.793.585
Hybrid Charger Controller Based PV and Wind Turbine Systems	http://assets.jurnal.unprimdn.ac.id.s3.amazonaws.com/documents/post_documents/c410c257902f01cdfdcf95559571154c43b4c675.pdf
Real Detection of 3D Human Hand Orientation Based Morphology	https://alife-robotics.co.jp/members2017/icarob/data/html/data/GS_pdf/GS11/GS11-7.pdf
Multilevel Non-Inverting Inverter Based Smart Green Charger System	https://alife-robotics.co.jp/members2017/icarob/data/html/data/GS_pdf/GS11/GS11-8.pdf
Early fault identification for operating circuit breaker based on classifier model system	https://ijeecs.iaescore.com/index.php/IJEECS/article/view/27979

Design solar thermal energy harvesting system	https://pubs.aip.org/aip/acp/article-abstract/2591/1/030041/2879773/Design-solar-thermal-energy-harvesting-system?redirectedFrom=fulltext
Red deer algorithm-based selective harmonic elimination technique for multilevel inverters	https://beei.org/index.php/EEI/article/view/5160
Child tracking system using smartphone	https://beei.org/index.php/EEI/article/view/5161
Red Deer Algorithm-Based Optimal Total Harmonic Distortion Minimization for Multilevel Inverters	https://ieeexplore.ieee.org/document/10087687
Smart inverter for low power application-based hybrid power system	https://pubs.aip.org/aip/acp/article-abstract/2787/1/050022/2902501/Smart-inverter-for-low-power-application-based?redirectedFrom=fulltext
GIS Web Application Potentials Analysis for Hotels	https://search.emarefa.net/en/detail/BIM-836635-gis-web-application-potentials-analysis-for-hotels
Spatial Data Mining using Clustering-A Case Study: Hotels Tourism in Khartoum	
Investigation of Battery Energy Storage System (BESS) during Loading Variation	https://semarakilmu.com.my/journals/index.php/appl_mech/article/view/4486
Big Data for Smart Grid: A Case Study	https://www.taylorfrancis.com/chapters/edit/10.1201/9781032665399-8/big-data-smart-grid-taha-taha-mohd-khair-hassan-hussein-zaynal-noor-izzri-abdul-wahab
Advancements in UAV image semantic segmentation: A comprehensive literature review	https://malque.pub/ojs/index.php/mr/article/view/1592

Enhancing Wireless Power Transmission Efficiency via Resonant Coupling into Coil and Wire Parameters	https://scholar.google.com/scholar?cluster=15199868181857975070&hl=en&oi=scholarr
GPS and GSM Based Vehicle Tracking System	https://ieeexplore.ieee.org/abstract//document/10391720
High Pressure Water Solar Collector as Potential of Mini Steam Power Plant in Iraq	https://ieeexplore.ieee.org/abstract//document/10391316
Wireless Power Transfer for Smart Power Outlet	https://ieeexplore.ieee.org/document/10391618
Optimization of Wireless Power Transmission through Resonant Coupling	https://ieeexplore.ieee.org/document/10391572
Automated RFID-Based Attendance and Access Control System for Efficient Workforce Management	https://ieeexplore.ieee.org/document/10391615
Real Time Faults Transformer Protection System by Using Integrated Microcontroller	https://ieeexplore.ieee.org/document/10391516