



Northern Technical University
Technical Institute Mosul
Electrical Techniques



Personal Information

Full name	Dr. Ahmed Ateya Allu
Scientific Title	Assistant Prof.
Position	Electrical Techniques Dept.
Department/Division	Electrical Techniques
E-mail	aaallu7@ntu.edu.iq

Academic Certificates

University	Certificate	Date of Certificate	Specialization	Country
Faculty of Electrical Engineering \ University of Mosul	B.Sc	01/07/2005	Power and Machines	Iraq
Faculty of Electrical Engineering \ University of Mosul	M.Sc.	03/07/2005	Power and Machines	Iraq
Electronic and Electrical Engineering \ University of Sheffield	P.h.D	30/09/2019	Power and Machines	UK

Academic Experience

Undergraduate Study	Experience in teaching Electrical Machines, High Voltage Techniques, Power Electronics, PLC.
Postgraduate Study	Modular Multilevel Converter, Grid Connection, Renewable Energy Systems.

Scientific Activities and Papers

Research Links	Scopus	https://www.scopus.com/authid/detail.uri?authorId=56488132500
	Google Scholar	https://scholar.google.com/citations?user=BeK6xWAAAAAJ&hl=en
	ResearchGate	https://www.researchgate.net/profile/Ahmed_Allu

	ORCID ID	https://orcid.org/0000-0001-7229-2143
--	----------	---

Links	Volume and Year	Publisher	Paper Title	No.
https://ieeexplore.ieee.org/abstract/document/10549609	2024	2024 21st International Multi-Conference on Systems, Signals and Devices	Detecting Secondary Arc Termination Time Based on Change in Total Harmonic Distortion Level	1
https://pubs.aip.org/aip/acp/article-abstract/2862/1/020048/2930005/Adaptive-auto-reclosing-system-for-HV-transmission	2023	AIP Conference Proceedings	Adaptive Auto Reclosing System for HV Transmission Lines Based on ANN	2
https://ieeexplore.ieee.org/abstract/document/9527160	2021 Volume 37 Issue 3	IEEE Transactions on Power Electronics Journal	Analytical modelling and optimisation of output voltage harmonic spectra of full-bridge modular multilevel converters in boost mode	3
https://ieeexplore.ieee.org/abstract/document/8999634	2020 Volume 35 Issue 9	IEEE Transactions on Power Electronics Journal	Theoretical Harmonic Spectra of PWM Waveforms Including DC Bus Voltage Ripple—Application to a Low-Capacitance Modular Multilevel Converter	4
https://ieeexplore.ieee.org/abstract/document/8095825	2017	2017 IEEE Energy Conversion Congress and Exposition (ECCE)	Design considerations of a full bridge modular multilevel converter under variable DC link voltage	5
https://ijpeds.iaescore.com/index.php/IJPEDS/article/view/19034	2020 Volume 11 Issue 1	International Journal of Power Electronics and Drive Systems	Improvement of protection relay with a single phase auto-reclosing mechanism based on artificial neural network	6
https://tj-es.com/ojs/index.php/tjes/article/view/211	2017 Volume 24 Issue 1	Tikrit Journal of Engineering Sciences	Design and Implementation of an over Current Protection Laboratory for Electrical Power Transmission Systems Based on PLC Techniques	7
https://ieeexplore.ieee.org/abstract/document/6998766	2013	2013 International Conference on Electrical Communication, Computer, Power, and Control Engineering (ICECCPCE)	Fuzzy logic technique based single phase auto-reclosing protection system of a double circuit transmission line	8
https://ieeexplore.ieee.org/abstract/document/6998767	2013	2013 International Conference on Electrical Communication, Computer, Power, and Control Engineering (ICECCPCE)	Sensorless speed control of separately excited DC motor using neuro-fuzzy controller	9