

**MUHAMMAD AMIERUL HAQIMI BIN ASRI**

Bachelor of Electrical &amp; Electronic Engineering

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EDUCATION		
2019-2023	<b>Universiti Teknologi MARA</b> Bachelor of Electrical & Electronic Engineering	Penang
2018-2019	<b>University Malaya</b> Foundation in Physical Sciences	Kuala Lumpur
2013-2017	<b>Sekolah Dato’ Abdul Razak</b> Sijil Pelajaran Malaysia	Seremban
LANGUAGE	<b>Malay</b> Proficient <b>English</b> Intermediate	
PROJECT		
	<b>Final Year Project</b> Integrated Optimal Voltage Stability Control based on Tree Optimization Algorithm	
	<b>Integrated System Design</b> Low Cost Automated Hydroponic System using IoT	
	<b>Personal Project</b> Smart Money Bank	
	<b>Electrical and PV Solar Design</b> Electrical design for office and Solar Panel Design for commercial building	
	<b>ETAP Software</b> Load Flow Analysis   Short Circuit Analysis   Arch Flash   Harmonic Analysis   Motor Starting   VFD	
CLUB & SOCIETY		
2022	<b>Toastmaster International (KT EXCEL TOASTMASTER CLUB)</b> Ordinary Member	
	<b>Electrical Engineering Portal (EEP)</b> EEP is portal dedicated to electrical science and education to spread knowledge and educate electrical engineers in fields of electricity, low voltage, medium voltage and high voltage applications	
	<b>Khadija Academy</b> Electricity Made Easy	
SPORT & ACTIVITY		
2022	<b>Represent Electrical &amp; Control Instrument (ECNI) Section in SJTM Plant Manager Cup</b> Champion of Plant Manager Cup	
	<b>Data Analytics Programme Using Python</b> Runner up	
ADDITIONAL ELECTRICAL COURSE by Electrical Engineering Portal (EEP) and Khadija Academy		
	<ul style="list-style-type: none"><li>• Basic Course In Reading, Understanding and Using Electrical Wiring Diagrams</li><li>• Electrical On-Site Installations Course: Steps in Execution Stages</li><li>• Electrical Designing and Drafting Course (Part 1)</li><li>• Electrical Designing and Drafting Course (Part 2)</li><li>• Ultimate Electrical Design Engineering Course Bundle</li><li>• Power Engineering Course: Relay Control and Protection For LV/MV/HV Switchgear</li><li>• Course to Relay Circuitry and Understanding Control and Protection Schematics</li><li>• Power System Analysis, Modelling, Load Flow and Fault Studies for True Engineers</li><li>• The Power Substation Fundamentals Course: Theory, Equipment, Earthing, and Design</li></ul>	

- Electrical Machines: Complete Induction machines Course
- Ultimate Electrical Transformers for Power Engineering

## EXPERIENCES

2023	<b>Trainee at Stesen Janaelektrik Sultan Mahmud Kenyir</b> (February – March) <ul style="list-style-type: none"> <li>• Hydro Power Plant placed Under Electrical &amp; Control Instrument Section (ECNI)</li> <li>• Learned about Plant Operation, NIOSH and HIRARC</li> <li>• Involved in Problem Analysis, Corrective and Preventive Maintenance</li> <li>• Assisted Engineer, Foreman and Technician</li> <li>• Involved in Kenyir Unit 4 Major Generator Overhaul</li> <li>• Drawn Kenyir 275KV Single Line Diagram via AutoCAD as per requested by Engineer</li> </ul>
2022	<b>Trainee at Stesen Janakuasa Tuanku Muhriz TNB Remaco</b> (August – October) <ul style="list-style-type: none"> <li>• Coal Power Plant placed Under Electrical Maintenance Section (EMS)</li> <li>• Learned about Plant Operation, NIOSH and HIRARC</li> <li>• Involved in Problem Analysis, Corrective and Preventive Maintenance</li> <li>• Assisted Engineer, Foreman and Technician</li> </ul>
2020	<b>Programmer</b> <ul style="list-style-type: none"> <li>• HTML, CSS, JS, C and Python</li> <li>• Make My Father and My own Website</li> </ul>

<b>SKILLS</b>	<b>AutoCAD</b>	Intermediate	<b>Programming</b>	Intermediate	<b>Microsoft</b>	Intermediate
	<b>ETAP</b>	Novice	<b>PLC</b>	Novice	<b>PV Solar</b>	Intermediate
	<b>Relay Control &amp; Protection</b>		Novice	<b>Depict Single Line and Schematic Diagram</b>		Novice
	<b>Instrumentation</b>		Novice	<b>Electrical Design</b>		Intermediate
	<b>Operation, Corrective &amp; Preventive Maintenance</b>					Novice

<b>REFERENCES</b>	<b>Dr. Belinda Chong Chiew Meng</b> Senior Lecturer UiTM <a href="mailto:belinda.chong@uitm.edu.my">belinda.chong@uitm.edu.my</a>
	<b>Ir. Ts. Adi Fikri Mohd Baki</b> Senior Manager Electrical SJTM <a href="mailto:adifikri@tnb.com.my">adifikri@tnb.com.my</a>
	<b>Ir. Farid Ruslin Noor</b> ECNI Engineer SJSM <a href="mailto:farid.ruslin@tnb.com.my">farid.ruslin@tnb.com.my</a>



Logbook Stesen Janaelektrik Sultan Mahmud



Logbook Stesen Janakuasa Tuanku Muhriz