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Career Overview

*Sound continuous experience in Electrical Engineering , Electrical Trade and Electrical Installation by applying Australian Electrical Wiring Rules and in Electronics Laboratory work Australian and England Recognized Professional Engineering ,Vocational and Management Qualifications

Academic & Professional Qualifications in Engineering

- 2021 **Professional Engineer (Electrical) Registration-NSW Office of Fair Trading**
 Registration Number PRE0001338
- 2005 **2005 RPEQ-Registered Professional Engineer of Queensland (Electrical)-** Board of Professional Engineers of Queensland Registration Number 07661
- 1987 **Bachelor of Engineering (Electrical Power)** , Yangon Institute of Technology, Myanmar together with AGTI (Electrical) assessed by NSW Department of Education as comparable to Australian Bachelor Degree
- 1992 **Graduateship & Electrical Engineer assessed** by The Institution of Engineers, Australia
- 1999 **MIEAust** – Corporate Membership of The Institution of Engineers, Australia
- 1998 **Stage 1 Chartered Engineer**, England Engineering Council- comparable to UK's 4 Years M Eng degree and **(1995) I Eng-** Incorporated Engineer , England Engineering Council
- 1995 **AMIEE-** Associate Member of The Institution of Electrical Engineers- UK

Trade Qualifications

- 2002 **NSW Electrician License & Qualified Supervisor Certificate (Electrician) NSW Australia**
- 2002 **Certificate III in Electrical Wiring- TAFE- NSW Australia & High Voltage (Integral Energy)**
- 2001 **Certificate of Proficiency (Electrical Fitter) NSW Vocational Training Board, Australia**
- 1999 **Certificate of Proficiency (Engineering) NSW Vocational Training Board, Australia**
- 1996 **Electronics Technician Diploma- ICS-USA & Power Electronics Training (Pacific Solar)**
- 1995 **Building Construction ,Drafting & AutoCAD Certificate** – Stotts College & Autodesk
- 1996 **High Voltage Course Training Certificate -Integral Energy, Australia**
- 2008 **AS3000:2007 Electrical Wiring Rules Seminar-SAI Global**

Academic and Technical Qualifications in Information Technology

- 2005 **MACS-Member of Australian Computer Society (Professional Membership)**
- 2007 **Craft Certificate (Electronic-Computer System)**, NSW Vocational Training Tribunal
- 2004 **Graduate Diploma in Information Technology**, Century University,USA (Online study)
- 1994 **Certificate in Information Technology Skill**, Institute of Manufacturing UK
- 2002 **Certificate of Competence in Computer Hardware & Operating System**, KMD- Yangon
- 1995 **Certificate in Computer Programming-** Stotts College, Australia

Academic Qualifications in Teaching & Training

- 2018 **Doctor of Letters in Education (St Clements University)**
- 2013 **Doctor of Education (STC Technological University)**
- 2004 **Master of Science (Science Education) Curtin University of Technology, Perth, Western Australia**
- 2007 **Graduate Diploma of Adult & Vocational Education (TAFE-NSW, North Coast Institute)**
- 2015 **Diploma of Vocational Education & Training (TAE50111)+ Diploma of Training Design & Development (TAE50211)(MRWED-QLD)**
- 2010 **Certificate IV in Training & Assessment (TAE40116-MRWED)**
- 2002 **Postgraduate Diploma in Science Education Curtin University of Technology, Australia,**
- 1998 **MACE & MAITD**–Member of Australian College of Education & Australian Institute of Training and Development
- 2005 **Registered Teacher (32004034) (Teacher Registration Board of Western Australia)**
- 2014 **Moodle Training (E-Learning)- TAFE-NSW Sydney Institute**

Awards: Excellence Award in Graduate Diploma in Adult & Vocational Education & 2008 Student Award (General Education Faculty (TAFE-NSW, North Coast Institute), The Whole Burma First Award- Government Technical Institute (1983)

Professional Development- Master of Science in Electrical Engineering Century University- USA (1992)

Management Qualifications & Professional Development (Australia ,UK, Fiji, Myanmar, Niue)

Certificates & Diplomas in Management, Accounting, Manufacturing, Quality Control, Safety, PLC ,Application Software in Word processing, Database, Spreadsheet, Web Page Design, Presentation, Building Service Engineering ,Project Management, Maintenance Management, Production and Operation, Store & Inventory Control

Download Link for my qualifications

NSW E Lic U Kyaw Naing

<http://www.iqytechnicalcollege.com/Trade Papers+TVET Teacher Papers Certified.pdf>

<http://www.iqytechnicalcollege.com/NSW E Lic U Kyaw Naing.pdf>

TAE40116 U Kyaw Naing

www.iqytechnicalcollege.com/TAE40116 U Kyaw Naing.pdf

UEE30811 Qualification

www.iqytechnicalcollege.com/30811.pdf

VET Teacher Qualifications U Kyaw Naing

<http://www.iqytechnicalcollege.com/VET Teacher Qualifications U Kyaw Naing.pdf>

NSW VTT Electrical Fitter+Electronic-Computer System+Dip Electronics

<http://www.iqytechnicalcollege.com/NSW VTT Electrical Fitter+Electronic-Computer System+Dip Electronics.pdf>

PRE0001338 Notice of Registration Approval

<http://www.iqytechnicalcollege.com/PRE0001338 Notice of Registration Approval.pdf>

<http://www.iqytechnicalcollege.com/U Kyaw Naing PE NSW Registration Certificate.pdf>

U Kyaw Naing RPEQ 07661 BPEQ_Registration Certificate

<http://www.iqytechnicalcollege.com/U Kyaw Naing RPEQ 07661 BPEQ RegistrationCertificate.pdf>

U Kyaw Naing Qualifications

www.iqytechnicalcollege.com/U Kyaw NaingQualifications.pdf

U Kyaw Naing (Joe) Qualifications

[http://www.iqytechnicalcollege.com/U Kyaw Naing \(Joe\) Qualifications.pdf](http://www.iqytechnicalcollege.com/U Kyaw Naing (Joe) Qualifications.pdf)

OHS Induction

www.iqytechnicalcollege.com/OHS Induction.pdf

Qualifications.pdf

www.iqytechnicalcollege.com/Qualifications.pdf
Marine Engineer Certificates.pdf
www.iqytechnicalcollege.com/Marine Engineer Certificates.pdf
Aviation Training Certificates.pdf
www.iqytechnicalcollege.com/Aviation Training Certificates.pdf

Work Experiences

**Current Employment- Course Developer-Electrical (Full Time) from August 2023 to current
Superior Training Centre + IQY Technical College/IQY University
(Selfemployed)**

- Deliver and assess-UEE20 Electrotechnology Training packages
- Prepare education resources and online learning materials
- Educational Quality Management
- Students Management

Self & Private Employment (Weekends)

**Immediate past employment Maintenance Technician , CKS Hotel Sydney
Airport from September 2022 to August 2023**

- Performed maintenance and preventive maintenance tasks of Hotel electrical system, room lock system, water system airconditioning system, power supply system and telephone system
- Cooperate with housekeeping department and provide the maintenance service as necessary.

**Immediate past employment –(Aircraft Electrician) from February 2022 to
September 2022**

- Qantas Airways Fleet at Sydney

Recent Experience-Electrician -Atom Resources (Immediate Past)

Performed Electrical Wiring , Installation, maintenance, repair of electrical
Equipment

UNSW Faculty of Business Upgrade project (Host Company-AJB)

- Installation of low energy lighting and power points
- Worked for AJB Electrical Service

Data Centre, Artarmon, ABC (Host Company Robsins)

- Installation of Battery system panel, terminating, panel seating, power wiring
- For Hutchinson Builder and Robsins Electrical Service

Homebush Bay Boy High School Data System (Host Company -SHC)

- Data cabling
- Installation of WIFI
- For Q & R Electrical and Data Services
- Sydney Cricket Ground Construction (Silver Water) (Diversified Electrical Data System-Data Cabling (Host Company -Diversified)

Recent Experience- Electrician -Mega Electrical Contracting (Until 2021)

Performed Electrical Wiring , Installation, maintenance, repair of electrical equipment

Current self employment experience

Operation of IQY Technical College which is Authorized Training Centre of Singapore Institute of Engineering Technologists and IPEM Technological University (Online) which is also training service of Singapore Institute of Engineering Technologists and The Institution of Professional Engineers Myanmar. Developed and administer Electrician Professional Development Learning Support Sites

AUSTRALIAN CIII CIV Advanced Diploma BAPPEng Electrical Electronics

www.iqytechnicalcollege.com/BAppEngElectricalElectronicsResources1.htm

(1)-Teaching Work Experiences in Australia

Full Time Teacher of Electrotechnology-TAFE-NSW Ultimo College (2017 to 2020)

- Prepared UEE30811/UEE30820 Electrical Trade Lessons online
- Delivered UEE30811/UEE30820 Electrical Trade Lessons
UEE30820

www.iqytechnicalcollege.com/electricaltrade2022.htm

UEE62220 /UEE62120(UEE20)

www.iqytechnicalcollege.com/electricaldiploma2022.htm

Full Time Teacher of Electrical Engineering TAFE

(2008 -2016)

- Recently performed tasks in September 2016
Developed lessons, learning resources, sessional plans, assessment mapping, students assessment guide and scope for UEE43011 Certificate IV Electrical Equipment and Systems for the students from Royal Australian Navy. The course is customized to provide the practically oriented knowledge, skills and competencies in Naval Electrical Power Systems Operation to perform Engineer Watch Keeper tasks on ships.
- Applied Australian Maritime Safety Authority regulations and relevant units from Maritime Training Package to customize the generic electrical course for Navy and maritime applications during the third term break in 2016 & prepared e-Scope Application for Electrical Trades Section.
www.electricaldiploma2013.zoomshare.com/files/CertIVnavalpowersystem.htm
- Ever take parts in career expo/ Ultimo College Open days of Sydney Institute and provide the course advice to the prospective students as well as provided the study advice & guidance to the students who enquired at the section. (In 2016 August Ultimo College Open day, managed to collect 30 prospective students data to enter into the system)

VOULNTARILY PERFORMED TASKS ON RESOURCE COLLECTION FOR DEVELOPMENT OF GET FACULTY HIGHER EDUCATION SECTION

- Collected the required textbooks and study resources for Associate Degree of Applied Engineering (Renewable Energy) and provide the online file-sharing links
Co-ordinator of Associate Degree of Applied Engineering (Renewable Energy) through Higher Education Courses Co-ordinator
- **Text Books**
- [Electrical Distribution written prepared by myself](#)
- [Electrical Distribution Lessons](#)
- <http://www.iqytechnicalcollege.com/G015.zip>
- Exercised dual roles of both teacher who teaches the lesson and technician who maintains the equipment to retain the safety standard
- Troubleshoot the EBS System to find out the causes that prevent the students from completions.
The following EBS Professional Development Courses have been completed at Ultimo TAFE Workforce Development
 - Managing Learner Outcomes and Course Completions in EBS (Date 11 August 2016)
 - How to use compliance toolkit (10 August 2016)
- **Taught the following units**
- Have ever taught **all units** required for the award of Advanced Diploma in Electrical Technology (17908) and Advanced Diploma in Electrical Engineering (17794) between Semester 2-2009 and semester 1-2012.
- **EE011 Training Package**
- UEENEEE101A,102A,105A,108A,137A,
UEENEEG106A,006A,033A,063A,107A,UEENEEK151A,UEENEEG143A,145A,
UETTDRIS 67A,68A,69A,71A,73A,74A
- **EE07 Training Package**
- UEENEEE001,UEENEEE002,UEENEEE003,UEENEEE004,UEENEEE038,
UEENEEI006,UEENEEG044,UEENEEG043,UEENEEG045,UEENEEK035
UEENEEK025,MEM09004,UEENEEE071,UEENEEG069,UEENEEG070,
UEENEEE024,UEENEEE017,UEENEEE050,UEENEEE026,UEENEEH045,
UEENEEG048,UEENEEE025,UEENEEG047,UEENEEG049,UEENEEG001,
UEENEEG002,UEENEEG046,UEENEEG040,UEENEEH025,UEENEEH026
UEENEEK041,UEENEEE047,UEENEEE011,UEENEEE029

From July 2006 to July 2009

Part Time/Casual Teacher of Electrical Trades (St George TAFE)

- Teach Electrical Distribution, Fault Calculation, Power Transformer, Power System Protection , Power System Operation and Power System Fundamental modules for Advanced Diploma in Electrical Engineering course.

- Delivered face to face/ web support/ CD based training.
- Follow TAFE NSW assessment and recording guidelines including filling registers.
- Prepare week 6, 12 and 18 progress reports
- Organize practicals and classroom management tasks in accordance with TAFE NSW Policies
- Wrote Electrical Distribution resource book for St George Electrical Trades Section under the guidance of the head teacher in 2007.

(2) (Electrical Engineering/ Trade Works)

Contract Electrician in Sydney (Mega Electrical Contracting)

(January 2017 to Current)

- Worked at Mitsubishi Electric & Vass Electrical Industry

(3) From January 2004 to March 2006

**United Nations Volunteer Electrical Engineer
Niue Electrical Service
Niue Electrical Power Station**

***Managed, designed, estimated ,supervised** and **took** part in the electrical installation , operation works at Niue Electrical Power Station and electrical project works in Niue.

TRADE EXPERIENCES

(4)(Electrical Power & IT)

From January 2001 to March 2004

**Electrical Supervisor, Engineer
Computer Hardware, Software ,Electrical
system Serviceman
*Mega Electrical Contracting (NSW &
Western Australia, New Zealand)***

* **Took** part in the electrical installation contract works in various factories and construction works in New South Wales, Western Australia & New Zealand.

Works Involved

*Performed trade assistant duties in electrical wiring in train carriages (Main Train-Auburn, Sydney),Olympic site electrical installations and construction site electrical installation in Western Australia.

- Industrial & Residential Electrical Wiring in NSW & WA
- Industrial & Residential Electrical Wiring in New Zealand
- Electrical Installation, Maintenance of Electrical Power Station
- Various Residential Electrical Wiring works in reconstruction of homes destroyed by the cyclone.

(5) From January 2002 to April 2002 Mathematics Teacher (Relief)
**Eastern Gold Fields Senior High School,
Education Department of Western
Australia**

- **Taught** Year 10, 112 and 12 Mathematics. **Performed** classroom management, evaluation and assessment tasks. **Took** part in curriculum development .

(6) From October 1997 to January 2001

**Apprentice Electrical Fitter /
Machine Operator Mechanical)
*TRW/Tri Stars Steering and Suspension
,Marrickville, Australia***

Electrical Apprentice (October 1998 to January 2001)

***Performed** the electrical fitting, repairing and maintenance in electrical machines and systems used in production lines of the factory.

Engineering Trainee (Machine Operator) (October 1997 to October 1998)

***Worked** in Car Steering production, Machining and Assembly lines & Applied ISO 9000 in

production.

***Performed** the operation of various production machineries, quality control, quality inspection, accuracy testing, materials handling, industrial cleaning, operation recording and scrap management tasks

***Interpreted** the operation sheets, **arranged** the equipments and set up the production machineries.

Areas of Training *Steering rack housing, steering rack line, lower control arms, inner ball joints, pinion machining, induction heating, rod end ball joint, pinion broaching, precision grinding.*
Machineries handled *CINCINATI Centreless grinder, Broach, MAZAK Gundrill, Auto lathe, MAKINO milling machine, OKUMA CNC Lathe, ANCA SG6 Precision Grinder, Induction heater, Industrial washer, Bathing machine, Piston assembly machine, Tolerance measuring instruments, Reflection image scope, Overhead crane, Manual forklift, Vacuum pump, Press machine.*

(7) (Electronics)

From September 1996 to September 1997

**Electronics Technician (Contract)
Pacific Solar Limited ,Botany, Sydney,
Australia**

Description of work

Research and development, laboratory work in high frequency photovoltaic solar inverter design.

Responsibilities

Arrangement, organizing and operation of electronics laboratory and design and development of electro magnetic compatible circuits.

OVERSEAS ELECTRICAL ENGINEERING EXPERIENCES

(8) Vocational Education and Training Experiences

From September 1990 to September 1996

**Lecturer in Electrical Engineering
Fiji Institute of Technology, Suva, Fiji**

Subjects taught

***Year 12**

Technical Drawing, Technology, Work Shop, Metal, Maths, Physics, Design Studies
Chemistry, Electronics

***Trade & Diploma**

Electrical Wiring, Electrical Machines, Power System, Power Utilization, Circuits, Electronics,
Applied Electricity, Engineering Mathematics, Workshop & Laboratory

(9) From September 1990 to September 1996

Engineer Consultant seconded by FIT

Fiji Electricity Authority

***Performed** electrical installation, project management, tendering, documentation, contract supervision works in various electrical installation and contract works for Fiji Electricity Authority

***Performed** operation & maintenance of generation, transmission and distribution sites

(10) From January 1989 to August 1990

**Electrical Design Engineer
International Hotel Project, Myanmar
(272 rooms 5 stars)**

Responsibilities

***Designed, estimated and drew** the electric power and control system diagrams for Mandalay Hotel comprising:-

Incoming high tension line, Switch gear installation, Fire detection, Grounding, Lightning protection, Refrigeration plant, Electrical distribution board, Lighting, parking light, Power supply for air conditioning, Power & emergency wiring and supply, total quality & project management, full electrical test, Specification, evaluation of technology & materials

(11) From March 1988- March 1989 Work charge Engineer
***Moe Gyo Electrical Goods Servicing
Co- Operative, Gyogone Yangon***

***Repaired** electrical machines(motors, generator, transformer) appliances and performed electrical wiring
***Serviced** refrigerators, air-conditioners, cool room equipments, electric ranges, ovens, microwave ovens
***Performed** electrical estimating on electrical installations and motor winding equipments and materials

**From 1983 to 1987 Marine Engineer Cadet /Junior Engineer Watch-keeper
*Institute of Marine Technology, Myanma Five Stars Line
& Myanmar Navy reserve***

***Undertook** engineer cadet/ engineer watch keeper duties on seagoing ships
***Operated** marine diesel engine & auxiliary engines
***Operated** generators, synchronizing, parallel operation
***Serviced** various machineries

- Undertook marine engineering cadet training at various dockyards in Myanmar for 3 years PLUS onboard training for 1 years.

*Possess formal qualifications and experience in mechanical trade & electrical engineering & Trade, fitting/mechanic
*Ability to perform the electrical work, estimate and organize the work.

Computer

Microsoft Office, Auto CAD, Electrical CAD, Excel & Data Base, Internet, Power Point, MYOB

Interest

Reading & Listening to Music Writing the translated articles Radio Broadcasting

REFEREES

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