

CURRICULUM VITAE



Office

Department of Electrical Engineering
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Personal Information

Full Name : Wittahachchige Don **Anura Senaka Wijayapala**
Date of Birth : 6th August 1965
Present Residence : 236B, Kudamaduwa, Siddamulla, Piliyandala, Sri Lanka.
Contact Numbers : +94718178975 (Mobile), +94112700594(home)
Email : anuraw@uom.lk
Marital Status : Married

Qualifications

Educational Qualifications

First Degree : **BSc Eng (Hons)** with Second Class Upper Division Pass (Rank 2)
1991 - University of Moratuwa
Postgraduate : **MEng**
2002 - University of Moratuwa

Professional Qualifications

FIE(SL) : **Fellow** of the Institution of Engineers, Sri Lanka since 2009
Chartered Engineer since 1996
Int. PEng(SL) : **International Professional Engineer** since 2008

Other Memberships

Corporate Life Member of Sri Lanka Energy Managers Association (CM 280) since 2007

Work Experience

Head of the Department of Electrical Engineering, UOM from 20.10.2022 to date.

- Main responsibility of the HOD is to make sure the academic program for 400 students, spreading over 4 years, is conducted smoothly as per the academic calendar.
- Giving leadership to an academic staff of 20 members and 30 non-academics.
- Leading department to carry out industry specific consultancies and testing.

Professor at Department of Electrical Engineering, UOM from 14.02.2017 to date

- As a professor I am conducting lectures to undergraduate students on Renewable Energy and Environment, Energy Systems, Communication and Presentation skills and to post graduate students on Project Management, Energy and Environment and Small Hydro Power Development.
- Conduct research on various subjects of electrical engineering, energy systems and renewable energy.
- Carry out consultancies for the industry.

Chief Executive Officer of WindForce Pvt Ltd from 15.06.2018 to 15.02.2020 (On sabbatical leave from UOM)

- WindForce Pvt Ltd is the largest renewable energy company in Sri Lanka owning wind, solar and small hydro power plants. The company has developed several power plants in Uganda, Pakistan and Ukraine as well. CEO is responsible for the smooth operation of all power plants and development of new projects.
- Giving leadership to 20 engineers and subordinate staff.

Senior Lecturer at University of Moratuwa from 01.09.2005 to 13.02.2017

- Conducting lectures on Power System Analysis, Energy Systems, Renewable Energy
- Carry out research on various subjects of electrical engineering.
- Carry out consultancies for industry.

Manager–Hydro Power of Nividhu Pvt Ltd from 01.12.2001 to 30.06.2005

- Nividhu Pvt Ltd was a joint venture between Lanka Transformers Ltd and Norfund of Norway.
- Manager Hydro Power was the CEO of this company and Project Manager for 2.5MW Belihuloya small hydro power plant and 4MW Assupiniella small hydro power plant in Sri Lanka.
- Development of new project feasibilities.

Plant Manager at Lakdhanavi Ltd from 21.11.1997 to 30.11.2001

- Operating the 24MW Lakdhanvi diesel power plant which was the first thermal IPP in Sri Lanka, as per the conditioned laid out in the PPA.
- Giving leadership to 8 engineers and subordinate staff to operate and maintain the plant.
- Development of new projects.

Project Engineer (Electrical) at Lakdhanavi Ltd. from 16.12.1996 to 20.11.1997

- Leading the team of engineers and other technical staff in installation of the electrical system of the 24MW diesel power plant.
- Coordinating the technical work between the equipment supplier Wartsila Diesel Oy of Finland.

Factory Manager of Lanka Transformers Ltd. from 18.12.1992 to 15.12.1996

- Lanka Transformers Ltd was a joint venture between Ceylon Electricity Board and ABB Norway to produce distribution transformers up to 3000kVA.
- Planning production, procure material and produce transformers.
- Giving leadership to the entire factory staff of 120 personnel.

Development Engineer at Lanka Transformers Ltd. from 01.01.1992 to 17.12.1992

- Development engineer was responsible for the Design of Transformers and carry out new developments.

Visiting Lecturer at University of Moratuwa from 01.01.1992 to 31.12.1992

- While being in the industry, carried out lecture at university of Moratuwa on electrical engineering subjects.

Assistant Lecturer at t University of Moratuwa from 21.08.1991 to 31.12.1991

- Carried out lectures to undergraduates under the supervision of professors.

Visiting Instructor at t University of Moratuwa from 03.-7.1991 to 14.08.1991

- Instructed undergraduates to conduct laboratory tests.

Service in Statutory Boards**Chairman of Ceylon Electricity Board from 20/01/2015 to 26/04/2017**

- Ceylon Electricity Board (CEB) is the government Electricity Utility in Sri Lanka with a workforce of 25000 including 1000 engineers.
- Giving leadership to 7-member board of directors comprising of two ministry secretaries, central bank representative and other members.

Chairman of Sri Lanka Energies Pvt Ltd from 29.01.2015 to 26/04/2017

- Sri Lanka Energies Pvt Ltd is a wholly owned subsidiary of CEB for the purpose of developing renewable energy projects.

Director at LTL Holdings Ltd from 29/01/2015 to 26/04/2017

- LTL holdings is a multifaceted company doing thermal as well as renewable power generation, transformer production, transmission line design and erection, galvanizing in Sri Lanka, Bangladesh and Africa.

Chairman of Trincomalee Coal Power Company Ltd from 20/01/2015 to 26/04/2017

- Trincomalee Coal Company Ltd was a joint venture between CEB and National Thermal Power Corporation of India.
- Gave leadership to develop 500MW, 600M\$ Sampur Coal power plant in Sri Lanka.
- By the time the Government of Sri Lanka cancelled this project on a policy decision, Environmental approval has been obtained and tender documents were ready.

Director at Lanka Electricity Company Pvt Ltd from 27/01/2015 to 26/04/2017

- Lanka Electricity Company carries out electricity distribution in Sri Lanka in designated areas.

Director at Lanka Coal Company Pvt Ltd from 29/01/2015 to 15/01/2017.

- Lanka Coal Company purchases entire coal requirement of 2.5 million tons per annum to be used in the 900MW Lakvijaya Coal power plant in Sri Lanka.

Chairman of National Engineering, Research and Development Center from 15/07/2013 to 20/12/2014

- This center carries out engineering research for the development of the country.
- Gave leadership to carryout nationally relevant research through an engineering staff of 20 and other subordinates.

Vice Chairman of Ceylon Electricity Board from 06/06/2011 to 28/01/2013

- Acted as the Vice Chairman and Director of the Board

Overseas Training and Experience

In Australia	:	Visiting Curtin University, Perth , Renewable Energy Lab from 09.01.2020 to 22.01.2020
In India	:	Visiting Theni Pilot Wind Power plant with active rectifiers and fully water cooled IGBTs from 27.11.2019 to 29.11.2019.

In China	:	Visiting GEC PVT Ltd headquarters for negotiations on the 300MW LNG power plant to be set up in Sri Lanka from 24.06.2019 to 27.06.2019
In India	:	Visiting Theni, Bangalore and New Delhi to discuss ways of repairing failed PM generators from 07.01.2019 to 12.01.2019
In China	:	Visiting Suntech Limited's solar panel production facility in Shanghai and production facilities of Goldwind in Beijing from 05.09.2018 to 12.09.2018
In India	:	Visiting WEG generator manufacturing facility in Bangalore from 18.07.2018 to 19.07.2018
In New Zealand	:	Visiting Electrical Engineering department of Auckland university for discussions on mutual corporation from 23.06.2018 to 04.07.2018
In India	:	Technical Discussion with Engineers of ReGen Powertech engineers on the failure of PM generators in Sri Lankan Wind farms in Chennai from 07.03.2018 to 09.03.2018
In Myanmar	:	Delivery of Keynote speech at Myanenergy 2016 and the Exhibition at Yangon, Myanmar from 02.11.2016 to 05.11.2016
In Germany	:	Utilities & Workshop for understanding Grid Related issues for renewable integration by Siemens AG in Germany from 13.07- 2016 to 16.07.2016
In India	:	Elecrama Exhibition in Bangalore, India from 12.02.2016 to 15.02.2016
In Thailand	:	Represented Sri Lanka at the South Asia Power Secretaries' Meeting at Bangkok, Thailand from 13.12.2015 to 15.12. 2015
In USA	:	Global customer summit of GE/USA from 17.08.2015 to 22.08.2015
In China	:	Member of the delegation for the meeting of the ministers of Science and Technology in Asia Pacific in China from 18.11.2014 to 21.11.2014
In China	:	Representing Sri Lanka at the APCTT technical committee meeting at Kunshan, China from 19.11.2014 to 20.11.2014
In China	:	Industrial visit to several AAC Block manufacturing industries in Beijing/ China from 28.03.2015 to 02.04.2015
In Myanmar	:	Member of the Sri Lankan delegation for Senior Officers Meeting (SOM) and the Ministerial Meeting (MM) at BIMSTEC from 01.03.2014 to 03.03.2014 at Nay Phi Taw, Myanmar.
In Korea	:	Training on Electricity Efficiency for Southwest Asian Experts. From 28.01.2013 to 01.02.2013, KEPCO, Korea.
In Norway	:	Hydro Power and the Environment in Trondheim Norway From 01.09.2008 to 19.09.2008
In Indonesia	:	Optimization of Energy usage at Palm Oil Mills of PT Agro Indomas in Kalimantan, Indonesia from 05.02.2008 to 30.02.2008.
In Finland	:	Training on 100MW diesel Power Plant by Wartsila Diesel Oy of Finland From 25.08.2003 to 02.08. 2003
In Bangladesh	:	"Project Finance Structure"; workshop organized by USAID From 27.09.2003 to 02.10.2002.
In Germany	:	Small hydro power planning, installation, operation and maintenance at Wasserkraft Volk Ag from 04.12.2001 to 12.12.2001
In Indonesia	:	Fabrication of penstock pipes at Bumikaya Steel Industries From 05.08.2001 to 12.08.2001
In Singapore	:	Fuel oil quality and fuel oil treatment course by Alfa Laval Marine From 07.12.1999 to 08.12.1999
In India	:	Power Plant Operation and Maintenance by Wartsila NSD India Ltd. From 23.12.1998 to 30.12.1998
In Finland	:	Programmable Logic Controllers (PLCs) From 26.06.1998 to 04.07.1998 at Wartsila NSD Oy on
In Finland	:	Basic Engineering of Diesel Power Plants by Wartsila NSD Oy. From 10.04.1997 to 26.04.1997
In India	:	Familiarization of Diesel Power Plant. By Wartsila NSD India Ltd. From 27.07.1996 to 31.07.1996
In Norway	:	Design of Earthing Transformers at ABB Kraft AS of Norway From 01.01.1995 to 10.01.1995

In Switzerland : Familiarization on Distribution Transformer production at ABB Transformer GMBH at Geneva. And at Weidman GMBH at Zurich From 04.04.1994 to 07.04.1994

In Norway : Design of Distribution Transformers at ABB Kraft AS of Norway From 28.03.1993 to 03.04.1993

Research and Teaching Interests

Renewable Energy, Energy Systems, Project Management, Power Systems, Power Generation.

Supervision of Research Degrees

I have supervised/co-supervised and completed 2 MPhil Degrees and Research Component of 35 MSc Degrees up to now and dozen more are in progress.

Publications, Awards and Other information.

I have published three books, on small hydro power and Solar PV, and over 25 conference papers and over 20 journal publications.

Please visit https: https://uom.lk/staff/Wijayapala.WDAS?check_logged_in=1 for details.

Non-related referees

1. Prof. Nalin Wickramarachchi

Professor, Department of Electrical Engineering, University of Moratuwa, Sri Lanka.
Email: wick@uom.lk, Mobile: +94716060847

2. Prof. Udayanga Hemapala

Professor, Department of Electrical Engineering, University of Moratuwa, Sri Lanka
Email: udayanga@uom.lk, Mobile: +94712884210

I declare that all information presented above are true and accurate to the best of my knowledge.

Prof. WDAS Wijayapala
Professor
Department of Electrical Engineering
University of Moratuwa

Date: