

CURRICULUM VITAE (March 2016)

NAME: Rahula Anura ATTALAGE

TITLE: Dr.

DATE & PLACE OF BIRTH: 13th May 1957, Colombo, Sri Lanka.

DESIGNATION: Deputy Vice Chancellor and Senior Professor in Mechanical Engineering

OFFICE ADDRESS:

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NATIONALITY: Sri Lankan

ACADEMIC CAREER:

Qualifications:

- B.Sc. Engineering (Hons) in Mechanical Engineering from the University of Moratuwa, Sri Lanka, February 1982.
- M.Eng. from the Asian Institute of Technology, Thailand, August 1986.

Thesis Topic: Reassessment of radiation correlations and long-term collectible energy of principal solar collector types and proposal of generalized procedure of obtaining utilizability correlations.

- D.E.A.(Degree of Profound Studies) from Ecole des Mines de Paris, France, August 1988.
- Ph.D. from Ecole des Mines de Paris, France, September 1992.

Thesis Topic: Theoretical and experimental analysis of Heat Emitters in Thermal Dynamic state with hot water circulation for buildings.

Project Funded by A.F.M.E. (French Agency for Energy Management), presently A.D.E.M.E.

Awards :

- DAAD Scholarship for postgraduate studies at the Asian Institute of Technology, January 1985.
- French Government Scholarship for Doctoral studies in France, August 1986.

PROFESSIONAL CAREER:

Professional Qualifications and Affiliations:

Chartered Engineer, Member - Institution of Engineers, Sri Lanka (M-5440)

Corporate Member and Vice President – Sri Lanka Energy Managers Association (incorporated by an Act of Parliament)

Fellow and Executive Committee Member – Lanka Association of Building Services Engineers

Member ASHRAE and Student Liaison Member of ASHRAE Student Chapter at University of Moratuwa, Sri Lanka

Member Sri Lanka Association for Advancement of Science (SLAAS)

Work Experience :

- Deputy Vice Chancellor, University of Moratuwa, Sri Lanka, January 2012 to date
- Professor in Mechanical Engineering at the University of Moratuwa, Sri Lanka, November 2003 to date
- Member of Commission, Public Utilities Commission of Sri Lanka, since January 2009
- Director, Operational Technical Secretariat (OTS) of the University of Moratuwa for the World Bank loan based HETC project, under the Ministry of Higher Education, from 2011 to January 2012
- Director, Local Technical Secretariat (LTS) of the University of Moratuwa for the World Bank loan based IRQUE project, under the Ministry of Higher Education, from 2007 to June 2010
- Visiting Professor in the International Cooperation Center for Engineering Education Development (ICCEED) at Toyohashi University of Technology, Japan. (Sabbatical leave from August 2006 to March 2008)
- Member Board of Directors, Sri Lanka Transport Board, January to August 2006
- Chairman, National Institute of Fisheries & Nautical Engineering, June 2004 to September 2005
- Head of Department of Mechanical Engineering at the University of Moratuwa, Sri Lanka, January 2002 to December 2004
- Senior Lecturer in Mechanical Engineering at the University of Moratuwa, Sri Lanka, August 1998 to November 2003
- Visiting Faculty member in the Energy Program of the Asian Institute of Technology, Thailand, August 1997 – August 1998.

- Senior Lecturer in Mechanical Engineering at the University of Moratuwa, Sri Lanka, March 1993 - August 1997
- Research Associate at the Center of Energy, Ecole des Mines de Paris, Sophia Antipolis, France, October 1988 - January 1993
- Mechanical Engineer at the State Fertilizer Manufacturing Corporation (SFMC), November 1982 - January 1985.

RESEARCH PUBLICATIONS:

a) Publications in Refereed Journals

1. **T.A. Reddy and R.A. Attalage**, Differences in computed annual radiation on inclined surfaces using isotropic and anisotropic sky-diffuse models, *Solar Energy*, Vol 40, pp 315-320, 1988.
2. **R.A. Attalage and T.A. Reddy**, Annual collectible energy of a two axis tracking flat plate solar collectors, *Solar Energy*, Vol 48, No.3, 1992.
3. **L. Fulcheri and R.A. Attalage**, Comportement dynamique des emetteurs de chaleur a circulation fluid: Etude Therorique et Experimantale. *Revue Generale de Thermique*, No. 347, March 1993.
4. **A.N. Ayoob, and R.A. Attalage**, Theoretical and experimental analysis of simply designed solar retrofitting heating and cooling system, *Renewable Energy*, Vol 1, No.3/4, pp 513-518, 1991.
5. **A.N. Ayoob, P. Achard and R.A. Attalage**, Analysis and characterization of parallel plate evaporative cooler pads. *Revue Generale de Thermique*, No. 359, pp 698-701, Nov. 1991.
6. **M.T.R. Jayasinghe and R.A. Attalage**, Comfort conditions for built environment in Sri Lanka, *Engineer Journal of IESL*, Vol XXIX, No:1, pp12-23, January 1999.
7. **M.T.R. Jayasinghe and R.A. Attalage**, Passive Techniques for low altitudes in residential buildings of Sri Lanka, *Engineer Journal of IESL*, Vol XXX, No:2, pp18-27, May 1999.
8. **M.T.R. Jayasinghe, R.A. Attalage and A.I. Jayawardane**, Use of artificial neural networks to produce optimum preliminary designs, *Transactions of IESL Part 2*, pp114-121, October 1999.
9. **S.C. Bhattacharya, R.A. Attalage, M.A. Leon, G.Q. Amur, P.A. Salam and C. Thanawat**, Potential of biomass fuel conservation in selected Asian countries, *Energy Conservation and Management*, Vol 40, pp 1141-1162, 1999
10. **A.I. Jayawardane, M.T.R. Jayasinghe and R.A. Attalage**, Concepts of sustainable residential developments for urban and suburban areas in Sri Lanka, *Engineer Journal of IESL*, Vol XXXIV, No:02, pp 63-77, May 2001.
11. **Jayasinghe, M. T.R., Attalage, R.A., Jayawardane, A.I.**, “Thermal comfort in three storey passive houses”, *Energy for Sustainable Development- The Journal of the International Energy Initiative*, Vol. VI, No. 1, March 2002, pp 63-73.
12. **P.D.C. Wijayatunga and R.A. Attalage**, Analysis of household cooking energy demand and its environmental impact in Sri Lanka, *Energy Conservation and Management*, Vol 43, pp 2213 -2223, 2002.

13. **P D C Wijayatunga and R A Attalage**, Socio-economic Impact of Solar Home Systems in Rural Sri Lanka: A case Study, *Energy for Sustainable Development*, Vol IX No 2, June 2005.
14. **Rahula A Attalage, D. Ananda Namal**, “Energy Efficiency through Standards and Labeling Program”, *Journal of the Sri Lanka Energy Managers Association*, April 2005
15. **Priyantha D C Wijayatunga, Kanchana Siriwardena, W J L S Fernando, Ram M Shrestha, Rahula A Attalage**, Strategies to Overcome Barriers for Cleaner Generation Technologies in Small Developing Power Systems: Sri Lanka Case Study, *Energy Conservation and Management*, Elsevier Publications, Vol 47, Issue 9-10, 2006
16. **Priyantha D C Wijayatunga, Kanchana Siriwardena, Rahula A Attalage, W J L S Fernando, Ram M Shrestha**, Policies for Clean and Energy Efficient Technologies, *Journal of the Sri Lanka Energy Managers Association*, April 2006
17. **Kanchana Siriwardena, Priyantha D C Wijayatunga, W J L S Fernando, Ram M Shrestha, Rahula A Attalage** Economy wide emission impact of carbon and energy tax in electricity supply industry: A case study on Sri Lanka, *Energy Conservation and Management*, Elsevier Publications, 2007.
18. **S. Divakara and R.A. Attalage**, Assessment of Embedded Energy in Manufacturing Wall Tiles Using Two Technologies in Sri Lanka, *IESL Transactions*, October 2007.
19. **K.T. Jayasinghe and R A Attalage**, Performance Analysis of Hot Air Generating Systems in Tea Industry of Sri Lanka, *IESL Transactions*, October 2008.
20. **M.P.G. Sirimanna, R A Attalage and K.K.C.K. Perera**, Estimation of Heat Exchange Across Multi-Façade Roof Structures for Residential Buildings, *Transactions 2011 Vol Part B*, pp 289-296, *The Institution of Engineers Sri Lanka*, 2011.
21. **N.A.I.D. Nissanka, A.T.D. Perera, R.A. Attalage**, Impact of building Architecture to thermal comfort levels: A case study at University of Moratuwa, Sri Lanka, *Annual Transactions, IESL Vol 1*, pp 281-288, 2011
22. **M.P.G. Sirimanne, R.A. Attalage and KKCK Perera**, Estimation of heat exchange across multi-façade roof structures for residential buildings, *Annual Transactions, IESL Vol 1, Part B*, pp 289-296, 2011
23. **A.T.D. Perera, D.M.I.J. Wickremasinghe, D.V.S. Mahindaratna, R.A. Attalage, K.K.C.K. Perera, and E.M. Bartholameuz**, Sensitivity of internal combustion generator capacity in standalone hybrid energy systems, *Energy*, pp 403-411, Vol 30, 2012.
24. **N.W.K. Jayatissa, R.A. Attalage, P.S. Hewageegana, P.A.A. Perera, M.A. Punyasena**, Optimization of thermal insulation of a small-scale experimental solar pond, *Sri Lankan Journal of Physics*, pp 47-56, Vol 13, 2012.
25. **A.T.D. Perera, R.A. Attalage, K.K.C.K. Perera, and V.P.C. Dassanayake**, A hybrid tool to combine multi-objective optimization and multi-criterion decision making in designing standalone hybrid energy system, *Applied Energy*, pp 412-442, July 2013.

26. **R M P S Bandara and R A Attalage**, Optimization of Building Performance in Terms of Envelope Elements through Combined Energy Modelling and Generic Optimization, *Applied Mechanics and Materials* 07/2014, Volumes 592 - 594(2014):2447
27. **Saliya Jayasekara, Saman K Halgamuge, Rahula A Attalage and Rohitha Rajarathne**, Optimum sizing and tracking of combined cooling heating and power systems for bulk energy consumers, *Applied Energy*. 01/2014; 118:124-134
28. **A.T.D. Perera, R.A. Attalage, K.K.C.K. Perera, V.P.C. Dassanayake**, A hybrid tool to combine multi-objective optimization and multi-criterion decision making in designing standalone hybrid energy systems, *Applied Energy* 05/2014; 107:412–425

b) Publications in Conference Proceedings and Presentations at Conferences

Conference Proceedings and Accepted Presentations:

1. **M. Gschwind, R.A. Attalage, P. Gatt, P. Houzelot and J. Robert**, Thermal flowmeter study for liquids and complex fluids. Proc. The second world congress on heating, ventilating refrigeration and air conditioning, CLIMA 2000, Vol V, pp 235-240, Yugoslavia, Sep.1989.
2. **P. Achard, R.A. Attalage, A.N. Ayoob and P. Houzelot**, Analysis of a rock-bed thermal storage as means of indirect evaporative cooling, Proc. International conference on evolution of external perimetric components in bioclimatic architecture, ISES, pp 243-246, Milan, Italy, April 1991.
3. **P.A. Achard, R.A. Attalage and A.N. Ayoob**, Nocturnal cooling in building masonry walls for summer comfort. Proc International symposium CIB W67 on energy moisture climate in buildings, Rotterdam The Netherlands, Sep.1990.
4. **L. Fulcheri and R.A. Attalage**, Caraterisation dynamique des emetteurs de chaleur a cirulation d'eau: conference SFT/92 May, Sophia Antipolis, France.
5. **J.P.W. Jayasuriya and R.A. Attalage**, Building envelop Performance Index for commercial building energy conservation, Industrial Related Research Seminar, April 1996, University of Moratuwa-Sri Lanka.
6. **R.A. Attalage**, Energy Utility Upgrading through Exergy Analysis, Proc. OUR Engineering Technology Vol 3 - Symposium on An Energy Policy for Sri Lanka, March 1997, The Open University of Sri Lanka.
7. **R.A. Attalage and D.P.C. Wijayatunga**, Energy Conservation Potential in the Commercial Sector in Sri Lanka, Proc. OUR Engineering Technology Vol 3 - Symposium on An Energy Policy for Sri Lanka, March 1997, The Open University of Sri Lanka.
8. **M.T.R. Jayasinghe and R.A. Attalage**, Minimisation of Energy Usage in Commercial Sector, Proc. OUR Engineering Technology Vol 3 - Symposium on An Energy Policy for Sri Lanka, March 1997, The Open University of Sri Lanka.
9. **M.T.R. Jayasinghe and R.A. Attalage**, Minimisation of Energy Usage in Commercial Sector, Proc. ASHRAE conference on Integrating Building Technology with Environment, November 1997, Kuala Lumpur. Malaysia.

10. **M.T.R.Jayasinghe, R.A. Attalage and P.T.P. Jayatunga**, Computer Simulation of Buildings with Passive Elements for Energy Efficiency, ERU symposium, University of Moratuwa, November 1998.
11. **S.Kumar and R.A. Attalage**, A web Based Course for Learning Solar Thermal Processes, ISES conference, June 1999, Israel.
12. **D.Hewawasam and R.A. Attalage**, Estimation of Annual collectible Energy by Flat Plate Solar Thermal Collectors: Case Study of Colombo, ERU symposium, University of Moratuwa, December 1999.
13. **R.A. Attalage, P.D.C. Wijayatunga and A.G.T. Sugathapala**, Feasibility of Vapour Absorption based Air-Conditioning in Industries: Case Study, ERU symposium, University of Moratuwa, December 1999.
14. **R.A. Attalage and K.K.C.K. Perera**, Performance Analysis of a Retrofitted Domestic Refrigerator to run on HFC 134 a, ERU symposium, University of Moratuwa, December 1999.
15. **R.A. Attalage and P.D.C. Wijayatunga**, State of Renewable energy education in Sri Lanka, ISREE conference, June 2000, Oslo, Norway.
16. **A.I. Jayawardane, M.T.R.Jayasinghe and R.A. Attalage**, Passive concepts for improvement of thermal and visual comfort, Proceedings of the 6th Annual ERU symposium, University of Moratuwa, December 2000.
17. **K.G.C. Jayasekera, K.K.C.K. Perera and R.A. Attalage**, Bio-mass co-generation towards sustainable development, Proceedings of the International Seminar on The Engineer in sustainable social and economic development – Regional contribution towards agenda 21, 96th annual sessions of the IESL, October 2002.
18. **K.K.W.Siriwardena, Priyantha D. C. Wijayatunga, Rahula A. Attalage**, “Sustainable Development in Electricity Generation Systems; Planning using Exergy Analysis”, International Conference on Power Systems, Nepal, November 2004.
19. **H. Homma, N. Ikeda and R.A. Attalage**, “Strengthening University-Industry linkage in Developing Countries Through International Cooperation: Case of Sri Lanka Through Cooperation of Toyohashi University of Technology, Japan”, International Joint Conferences on Computer, Information and System Sciences and Engineering, CISSE, Co-sponsored by IEEE, University of Bridgeport, USA, Dec 3-13 2007,
20. **V. Ralapanava, M.T.R. Jayasinghe, C. Jayasinghe, R. Emmanuel and R.A. Attalage**, “Recent Development of Eco-Technology in Sri Lanka: Case of MAS Thurulie project for Green Manufacturing of Apparels”, 15th Asian Symposium on Eco Technology (ASET15), Kanazawa, Japan, 18-19 October 2008.
21. **A.T.D. Perera, D.M.I.J. Wickremasinghe, D. Mahindarathna, R.A. Attalage, K.K.C.K. Perera, and E.M. Bartholameuz**, Determining wind turbine capacity for expansion of off grid Internal Combustion Generators (ICG) system: why it becomes challenging?, *2nd IEEE International Conference on Sustainable Energy Technologies*, P 1-5, Kandy- Sri Lanka: 2010.
22. **A.T.D. Perera, D.M.I.J. Wickremasinghe, D. Mahindarathna, R. A. Attalage, K. K. C. K. Perera, and E. M. Bartholameuz**, Novel simulation based evolutionary optimization algorithm to design stand-alone hybrid energy systems, *3rd International Conference on Computer Modeling*

- and Simulation (ICCMS-IEEE 2011)*, V1 272-275, Mumbai-India: 2011. (ISBN: 978-1-4244-9243-5/11)
23. **A. T. D. Perera, R. A. Attalage and K. K. C. K. Perera**, Multi objective optimization of lifecycle cost, unmet load and renewable energy capacity for an expansion of existing standalone internal combustion generator systems, ASME 2011- 5th International Conference on Energy Sustainability, PP. 1433-1440, 2011 Washington, DC, USA
 24. **A.T.D. Perera, D.M.I.J. Wickremasinghe, D. Mahindaratna, R.A. Attalage, K.K.C.K. Perera, and E.M. Bartholameuz**, How does the internal generator capacity and power supply reliability effect hybrid energy system sizing?, 16th ERU symposium, Engineering Research Unit, University of Moratuwa-Sri Lanka: 2010, PP. 252-253.
 25. **A.T.D. Perera, M.P.G. Sirimanne, R.A. Attalage, K.K.C.K. Perera, and V.P.C. Dassanayake**, Multi objective optimization and multi criterion decision making in expanding existing stand alone energy systems combining renewable energy sources, IASTED International Conference on Engineering and Applied Science (EAS 2012) 2012, Colombo, Sri Lanka.
 26. **M.P.G. Sirimanne, A.T.D. Perera and R.A. Attalage**, Numerical estimation of view factors for simple roof enclosures with five surfaces, IASTED International Conference on Engineering and Applied Science (EAS 2012) 2012, Colombo, Sri Lanka

Abstracts and Conference Presentations:

1. **R.A. Attalage, A.N. Ayoob and P. Achard**, The Thermal Treatment in Building envelopes for summer comfort. The eight International PLEA conference, Halifax, Canada, May 1990.
2. **L. Fulcheri and R.A. Attalage**, A methodology of reducing models of thermal systems with mass transport. Accepted for presentation at the ICHMT second international forum, Erlangen, Germany, March 1992.
3. **R.A. Attalage**, Presentation on invitation titled Industrial Projects at the Seminar on Technology Upgradation and Modernization, Ministry of Science and Technology, January 2000, BMICH, Sri Lanka.
4. **N. Ikeda and R.A. Attalage**, "University-Research Institute -Industry linkage in Sri Lanka and International Cooperation", International Symposium on Public Private Partnership in TVET, Organized by CPSC, Manila, Philippines, 1-2 Dec 2008.

Keynote and Invited Lectures:

1. Invited Lecture at the Open Forum 2006 of the International Cooperation Center for Engineering Education Development (ICCEED) of Toyohashi University of Technology, Japan on the topic "The Tertiary Education Strategy for Sri Lanka: Emphasis on Engineering Education", Tokyo, Japan, November 2006,
2. Keynote Speech, Ceremonial Session and Annual General Meeting of Lanka Association of Building Services Engineers, Colombo, August 2011.
3. Keynote Speech, "International Conference on Green Technology Initiative", Rizvi College of Engineering, Mumbai, March 2012.

4. Invited Lecture at the Open Forum 2012 of the International Cooperation Center for Engineering Education Development (ICCEED) of Toyohashi University of Technology, Japan on the topic “International Cooperation for Strengthening University-Industry-Government Linkage: case of Engineering Education in Sri Lanka”, November 2012, Tokyo, Japan
5. Keynote Speech, “True Benefits Beyond Green Building Certification”, Technical Session organized by Abans (Pvt) Ltd, Colombo, Nov 2012.

c) Publications in Thesis form:

R.A. Attalage, Reassessment of radiation correlations and long term collectible energy of principal solar collector types and proposal of generalised procedure of obtaining utilizability correlations. Thesis of M.Eng. A.I.T., Bangkok, Thailand, 1986.
(Advisor: Dr. T.A. Reddy)

R.A. Attalage, Etude theorique et experimantale de comportement dynamique des emeteurs de chaleur a circulation d’eau. Doctoral Thesis, Ecole des Mines de Paris, France, 1992.
(Advisor: Dr. L. Fulcheri)

d) Publications in other forms:

Books/Manuals for Supplementary Reading:

1. “An Indicative study of the energy conservation potential in the industrial and commercial sectors in Sri Lanka”, co-authored by Dr. P.D.C.WIJAYATUNGA, Edited & Published by the Environmental Foundation Limited (EFL), Sri Lanka.
2. “Sri Lanka Electricity Industry: Long term Thermal Generation Fuel Options”, co-authored by Dr. P.D.C.WIJAYATUNGA, Published by Institute of Policy Studies, Sri Lanka.
3. Joint edition of 02 Training Manuals, “Heating Ventilation and Air-Conditioning of Commercial Buildings in Sri Lanka” and “Energy Audit Manual – Module 8, Fans & Blowers”, organized by the Sri Lanka Energy Managers Association.
4. Member of the team of authors for “Energy Management Guide” by Sri Lanka Sustainable Energy Authority, Feb 2009
5. Member of the team of Consultants and Contributing Author for” Sri Lanka Energy Audit Manual” jointly published by Sri Lanka Sustainable Energy Authority and Sri Lanka Energy managers Association, ISBN 978-955- 8376-20-1, 2013

Special academic/professional awards or recognized academic/professional distinctions:

- * Visiting Faculty Fellowship in the Energy Program of the Asian Institute of Technology funded by the Government of France, for a period of one year, August 1997 to August 1998.
- * Curriculum Innovation Award given by the Asian Institute of Technology for the Academic year 1997-1998, for the topic “Computer Aided Teaching (CAT) for Solar Energy”, shared with Dr.S.Kumar of A.I.T.
- * Outstanding Research Personnel, University of Moratuwa, appreciation award for research in for the years ending 1999, 2000, 2001, 2002 & 2003

Consultancies and other activities:

1. Member for the Research Group for Heat emitters (GREC, France) during 1990-92, which is a French national program.
2. Member of IASEE (International Association of Solar Energy Education)
3. Corporate Member & Vice President of the Sri Lanka Energy Managers Association (SLEMA)
4. Fellow & Executive Committee member of Lanka Building Services Engineers Association (LABSE)
5. Member of American Society of Heating Refrigeration and Air-conditioning Engineers (ASHRAE)
6. Resource person for a national project for building energy efficiency coordinated by SLEMA funded by SIDA, 1995-1997.
7. Coordinator, Centre for Energy Studies (CEoS), University of Moratuwa, 2001 to date.
8. Member of the project group of the Asian Regional Research Program in Energy Environment and Climate – Phase II (ARRPEEC-II), Coordinated by the Asian Institute of Technology funded by SIDA, 1998 to 2005
9. Member of the group for the research study on Cleaner rural household fuels for cooking, carried out for the World Bank, 2000.
10. Member of the group for the research study on Energy efficiency in the ceramic industry, carried out for the Competitive Initiative of the USAID, 2001.
11. Member of the group for the research study on technological assessment of biomass technologies for power generation, carried out for the World Bank, coordinated by the Energy Forum, 2001.
12. Member of the group for the research study on Energy efficiency in Colombo Municipal Council water pumping system, carried out for the USAID, Coordinated by SLEMA, 2001.
13. Member of the Technical Committee for drafting Sri Lankan standards for refrigerants in mechanical cooling systems – coordinated by the Ministry of Environment & Transport, 2002.
14. Chairman of the Technical Committee in formulating the energy labeling program for domestic refrigerators & freezers in Sri Lanka – coordinated by the Demand Side Management branch, CEB, 2002
15. Member of the Technical Committee Technical Committee in formulating the energy labeling program for Compact Fluorescent Lamps in Sri Lanka – coordinated by the Demand Side Management branch, CEB, 2002.
16. Member of the Technical Committee in formulating the energy labeling program for Ceiling fans in Sri Lanka – coordinated by the Demand Side Management branch, CEB, 2002.
17. Member of the project group of the Asian Regional Research Program in Energy Environment and Climate – Phase III (ARRPEEC-III), Coordinated by the Asian Institute of Technology funded by SIDA, commenced in 2002
18. Consultant, Energy efficiency improvements and renewable energy application potential for the Bataatha Leather Complex, to the UNIDO, 2003.

19. Consultant, Harmonization of regional energy labeling program for refrigerators, to the Nexant SARI/Energy, 2003.
20. Member Technical Advisory Board, Practical Action, formerly Intermediate Technology Development Group (ITDG), since 2004.
21. Member (responsible for energy & atmosphere aspects) of the group of consultants from UoM for Design & implementation of the MAS Holdings Green Building project at Thulhiriya, 2006.
22. Liaison Member for University of Moratuwa for the International Cooperation Initiative Project for Strengthening University-Industry Linkage for Engineering Education Development (MEXT Project) in collaboration with International Cooperation Center for Engineering Education Development (ICCEED) of Toyohashi University Technology (TUT) of Japan.
23. Member of the Advisory Committee of Energy Labeling project coordinated by the Sustainable Energy Authority (SEA), 2008.
24. Member of the group of consultants for developing an Energy Efficiency Handbook, project coordinated by SEA, implemented by SLEMA, funded by JICA, 2008.
25. Member of the group of consultants for developing emission standards for stationary sources in SL, project coordinated by CEA, implemented by SLEMA, 2008.
26. Member of the Technical Committee Technical Committee in formulating the energy labeling program for Compact Fluorescent Lamps in Sri Lanka – coordinated by the Sustainable Energy Authority of SL, 2009.
27. Member of the Technical Committee Technical Committee in formulating the energy labeling program for Refrigerators in Sri Lanka – coordinated by the Sustainable Energy Authority of SL, 2009.
28. Joint Consultant, Sector Study: The Case of Sri Lanka for Rubber and Electronic Sectors in Sri Lanka, A study carried out for UNESCAP, Trade and Investment Promotion Division, Dec 2009.
29. Member of the group of consultants from UoM for obtaining LEED Platinum Certification under USGBC for the MAS Holdings “Thurulia” project at Thulhiriya, 2008. (First New built LEED Platinum rated Apparel Factory in the World)
30. Member of the Advisory Committee, Regional Center for Lighting (RCL) of Sri Lanka Sustainable Energy Authority, 2010.
31. Member of the Team of Resource Persons, Regional Center for Lighting (RCL) of Sri Lanka Sustainable Energy Authority, for conducting capacity building programs in Energy Efficient Lighting Systems, National and Regional., Since 2009
32. Co-Consultant to the Solar Resource Assessment part of the project, TA 7837-SRI, under the Asian Development Bank, 2011
33. Consultant to conduct pre-feasibility analysis for grid-tied solar PV systems, for the applicants with the aim of applying for a License under FIT of NCRE, under the SPPA, consultant to Sri Lanka Sustainable Energy Authority, 2012

34. Leading member in the team from Environ Sustainability (Pvt) Ltd, for LEEDs certification under USGBC, LEED Certification project under US Green Building Council, for BOSCH Service Center for DIMO PLC, 2013. This project earned a GOLD rating under LEED NC Ver 2.
35. Leading member in the team from Environ Sustainability (Pvt) Ltd for LEEDs certification under USGBC, LEED Certification project under US Green Building Council, for Cinnamon Bey Hotel, John Keels (Pvt) Ltd, 2014. This project earned a GOLD rating under LEED NC Ver 2.
36. Leading member in the team from Environ Sustainability (Pvt) Ltd for LEEDs certification under USGBC, LEED Certification project under US Green Building Council, for Hatton National Bank (HNB), Jaffna, 2014. This project is pending decision of rating.
37. Leading member in the team from Environ Sustainability (Pvt) Ltd for LEEDs certification under USGBC, LEED Certification project under US Green Building Council, for Epillion (Pvt) Ltd, Bangladesh, 2014. This project is pending decision of rating.
38. Consultancy involvement in Some Completed Building Services Projects:

#	PROJECT NAME	SYSTEMS	PROJECT MANAGERS/CONSULTANTS /REMARKS
1	Head Office Building for RDA	HVAC(700RT)	University of Moratuwa-PMU-Design
2	CEB Head Office -Colombo	HVAC(900RT)	University of Moratuwa-PMU-Design
3	SAARC Centre -Matara	HVAC(200RT)	University of Moratuwa-PMU-Design
4	Water Board PJ-Jaffna	HVAC	University of Moratuwa-PMU-Design
5	Lumiere Knitting Plant-Biyagama	HVAC(450RT)	Co -Energy
6	Unichela-Koggala	HVAC(170RT)	Co-Energy
7	MAS Vidiyal -Kilinochchi	HVAC(250RT)	Co-Energy
8	SLIMLINE-MAS-Pannala	HVAC (740RT)	Co-Energy

REFEREES:

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