

C U R R I C U L U M V I T A E

D r N A R E I N P E R E R A



PERSONAL INFORMATION

Name in Full : **NAREIN GERALD RAJINTHA PERERA**
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KEY ACADEMIC QUALIFICATIONS & AWARDS

- **Doctor of Philosophy (PhD) in Architecture** at the University of Moratuwa, Sri Lanka. 2015
- Awarded the **Degree of Master of Science in Architecture**. 2001
- Awarded the **Degree of Bachelor of Science in Built Environment** with **First Class Honours**. 1998
- Awarded **The Professor H. J. Billimoria Award** for the **Graduand Obtaining the Highest Total Marks** at the B.Sc. (BE) Final Examination. 1998.

KEY PROFESSIONAL QUALIFICATIONS & AWARDS

- **Chartered Architect** - Fellow Member Sri Lanka Institute of Architects. **FIA (SL)**
- Sri Lanka Institute of Architects **"YOUNG ARCHITECT OF THE YEAR"** – 2010
- Sri Lanka Institute of Architects **Award of Excellence in Design** – Personalised Houses – 2007
- Sri Lanka Institute of Architects **Award of Merit in Design** – Hotel and Tourism – 2011
- **Architecture Asia Awards for Emerging Architects** – Winner – 2014 and 2016
- **The Energy & Hot Climates Prize** of the Green Building Solutions Awards 2016 for the International Platform – France – 2016
- Sri Lanka Institute of Architects Annual Award 2019 – **Architectural Research Award**. 2019
- Sri Lanka Institute of Architects Annual Award 2019 – **Architectural Publication Award**. 2019

WORK EXPERIENCE

Academic

University of Moratuwa

Senior Lecturer – Department of Architecture, University of Moratuwa (March 2009 to date)

Senior Lecturer on Contract – Department of Architecture, University of Moratuwa (March 2007 to Feb 2009)

Technology Stream Coordinator of the B.Arch. Degree Programme (first appointed January 2009)

Year Coordinator; Third year (2007, 2008), Fifth Year (2009 to 2018), Fourth Year (2019 to date)

Subject Modules currently lectured on;

- Principles of Tropical Design (year 3)
- Essay- Architectural Design and Social Studies (year 3)
- Advanced Tools for Climate Sensitive Design (year 4 - Elective)
- Advanced Lighting Design (year 4 – Elective)
- Office Management (Brief Formulation) (year 5)
- Construction Technology (year 2)(2007-2010)
- Working Drawings (year 2) (2007-2010)
- In-Plant Training (year 3) (2007-2010)
- Professional Practice Essay (G2) (year 5) (2007-2010)

Design Teaching and Dissertation Supervision

Administrative positions / Committees (at the University of Moratuwa)

- Member of the Senate, University of Moratuwa - Faculty of Architecture Nominee (2018 to date)
- Member, Board of residence and discipline (BRD) - Faculty Nominee / Faculty of Architecture (2018 to date)
- Member, "University Strategic Plan" Committee - Preparation of Strategic Management Plan 2022 - 2026 (2021 to date)
- Chairman, Sports Advisory Board, University of Moratuwa (2018 to date)
- Department Coordinator -Faculty of Architecture, Lecture room building for the extra intake (2013 to date)
- Faculty of Architecture Higher Degrees Committee (2018 to 2021)
- Faculty of Architecture Board of Studies (2018 to 2021)
- Member (Invited), Planning and Development Committee - (2018 to date)
- Student Counsellor (2010 to 2022)
- Member of the Student Liaison committee - Faculty of Architecture (2018 To 2021)
- Member -Committee on development of the Pitipana land (2016 and 2022)
- Member, Sports Advisory Board, University of Moratuwa (2012 to 2017)
- Member, Energy Management Committee (2013)
- Member, Policy on the use of Air Conditioning (2015)
- Member, Committee for review of the Entrance Aptitude Test (2008 to 2012 and 2021-2022)

- Project Architect (Voluntary) -UoM Library - Upgrade (2013 to date)
- Project Architect (Voluntary) -Re-Development of the UoM Basketball Court (to date)
- Chairman -M.Sc. (integrated design) - Progress review panel (2018 To 2020)
- Chairman -PhD (Civil Engineering) - Progress review panels (3 panels)(2016 to 2022)
- Chairman -M.Sc. (Civil Engineering) - Progress review panels (2 panels)(2015 To 2017)
- Proposal review panel - PhD (integrated design). 2019.
- Proposal review panels - PhD (Building Economics). (5 panels)(2018 to 2020)
- Member -Committee of Inquiry (2015 to 2015 and 2016 to 2017)
- Member - Selection Committees nominated by the Senate. (2019 to date)

International Academic contributions

- Department of Urban Studies, Faculty of Culture and Society, **Malmö University, Sweden**. Linnaeus-Palme Programme. Swedish International Development Authority (SIDA) (September / October 2012)
- College of Science and Mathematics, Department of Geology and Geography, **Auburn University**, Alabama, USA (2012 and 2013, online lecture series)
- Visiting Lecturer, Erasmus Mundus Joint Master's Degree titled; Master of Urban Climate and Sustainability (www.murcs.eu) **Lahti University of Applied Sciences, Finland**.
Module title: Climate Change in Urban Environment. (2019 to date)
- **Massive Open Online Course (MOOC) on Sustainable Construction in the Tropical Humid Zone**. (2019 -2020), as a product of the Low Energy in Tropical Climate for Housing Innovation (LETCHI) network, which is supported by the French Agency for Ecological Transition (ADEME) in the framework of the Global Alliance for Buildings and Construction (GABC), an initiative under the United Nations Framework Convention for Climate Change (UNFCCC).
Topics -
 - Challenges of Building in the Tropics
 - Urbanism and sustainable neighbourhood design

WORK EXPERIENCE

Professional

Individual Practice 2003 to date

The practice portfolio includes buildings encompassing Commercial, Recreational, Residential, Industrial, Religious and Tourism related projects.

Awards

International

- **The Energy & Hot Climates Prize of the Green Building Solutions Awards 2016 for the International Platform** - Construction21 – France – 2016
- **Architecture Asia Awards for Emerging Architects** – Winner - 2016
DATUM:KL 2016, Kuala Lumpur, Malaysia
- **AD50 - The Most Influential Names in Architecture and Design for 2016** - Architectural Digest, India – 2016
- **Architecture Asia Awards for Emerging Architects** – Winner - 2014
ACA 16 Conference (DATUM:KL), Kuala Lumpur, Malaysia
- **The Golden Emerging Architect-Sri Lanka** - Architecture+Design & CERA Awards – Istanbul, Turkey – 2014

National

- Sri Lanka Institute of Architects **“YOUNG ARCHITECT OF THE YEAR”** – 2010
- Sri Lanka Institute of Architects **Award of Excellence in Design** – Personalised Houses – 2007
- Sri Lanka Institute of Architects **Award of Merit in Design** – Hotel and Tourism – 2011
- Sri Lanka Institute of Architects - **DESIGN AWARD 2018 - Honourable Mention**. Inaugural Architects’ Awards Ceremony 2018.
- Sri Lanka Institute of Architects Annual Award 2019 – **Architectural Research Award** - 2019
- Sri Lanka Institute of Architects Annual Award 2019 – **Architectural Publication Award** - 2019

Selected Projects - Current / Completed

Project Architect for Projects at the University of Moratuwa -

- Auditorium and Lecture room building for the Faculty of Architecture – Conceptual Design and Department Coordinator (2013 to date) (Voluntary)
- The Library, University of Moratuwa – Additions and Alterations (Architectural, Interior and Furniture Design) (2011 to date) (Voluntary)
- Research and Innovation Zone, University of Moratuwa at Pitipana (2016, ongoing) (Voluntary)

Project Coordinator for selected projects, Project Consultancy Unit, Faculty of Architecture -

- Sri Lanka Institute of Development Administration (SLIDA) – Extension Building. (2007 – 2009)

Project Architect for selected projects, Project Consultancy Unit, Faculty of Architecture -

- District Secretariat Building at Polonnaruwa (2015, ongoing)
- Sri Lanka Technological Campus, Padukka – Master Plan and Conceptual Design. (2016)
- National Police Academy at Katana (Member consultant team for Master Plan and Project. Architect for New Hostel Block for 500 personnel) (2013, ongoing)
- ISURU Schools programme (Ministry of Education) – Generic Master Plan and Building Design (2007-2008)
- Official Quarters for Public Officers at Hingurakgoda. (2017, ongoing)

Individual Practice -

- Technical Reports on Investment Properties in Sri Lanka for LimeTree Capital Advisors, Hong Kong (2012-2014)
- Estate Bungalow at Mathugama (2005 - 2010) – Award-Winning Project
- S Thomas' College Sports Complex, Additions and Alterations, Mount Lavinia (2004), Swimming pool - Additions and Alterations, and Classrooms (2020) (Voluntary)
- Furniture Factory, Warehouse and Showroom, Raux Brothers, Piliyandala (2004 – 2007 and 2020)
- Gymkhana Club Pool Complex, Colombo (2003 – 2005)
- Tea Trails Bungalow – Norwood (for DILMAH), Additions and Alterations (2013)

Personalised Residences;

- 'ENIGMA' - Residence at Colombo 08 (2007) – Award-Winning Project
- 'Solis Ortus' - Residence at Pelawatte (2014) – Award-Winning Project

Consultant / Resource Person

- Consultant, **Sustainable Energy Authority**, Reviewing and Upgrading of **Energy Efficient Building Code**, Working Committee on “Building Envelop” – 2008
- Consultant / Resource Person, **South Asia Regional Centre of Excellence in Energy Efficient Lighting** – 2009 to date

- Resource Person, **Sustainable Architecture**, Institute of Construction Training & Development (ICTAD) - 2010
- Technical Committee Member, **Green Building Council of Sri Lanka** – 2010
- Member – **Architects Regional Council of Asia, Committee on Green & Sustainable Design** - 2009 / 2010
- Resource Person, **Green Building Council of Sri Lanka 'Accredited Professional' Training Programme**– 2013 and 2017
- Consultant / Team Leader - **Guideline for "Sustainable Energy Residences"** in Sri Lanka. Sustainable Energy Authority of Sri Lanka – 2014/2015
- Consultant / Member of Team, **Sustainable Energy Authority**, Reviewing and Upgrading of **Energy Efficient Building Code** – 2015-2018
- **Thermal and Environmental Resilient Building Consultant** - National Building Research Organisation - 2017

PROFESSIONAL QUALIFICATIONS

Chartered Architect

Fellow Member, Sri Lanka Institute of Architects. **FIA (SL)** 2015

Associate Member, Sri Lanka Institute of Architects. **AIA (SL)** 2003

Professional Practice Examination Part III, December 2002.

Training

- **14th Intensive Training Programme on Environmental Impact Assessment**, organised by the Central Environmental Authority and The Centre for Environmental Studies, University of Peradeniya, January/February 2003
- **Workshop on Dissertation Supervision**, Faculty of Architecture Research Unit, 2007
- **Lighting Education Programme for the South Asia Regional Centre of Excellence in Energy Efficient Lighting (RCL)**, Light Research Centre, Rensselaer Polytechnic Institute, Troy, New York, 2009
- **World Meteorological Organisation Interregional CLIPS (Climate Information and Prediction Services) Training Workshop on Urban Climatology**, Indian Institute of Tropical Meteorology (IITM), Pune, India, 2010
- **Croucher Advanced Study Institute 2011-2012**, Urban Climatology in Tropical and Sub-Tropical Regions', Chinese of University of Hong Kong. (December 2011)
- **Short Course on Introduction to Remote Sensing and Geographic Information Systems (GIS)**, Space Applications Division, Arthur C Clarke Institute for Modern Technologies. (March 2013)
- **Workshop on the World Urban Database and Access Portal Tool (WUDAPT)**

UCD School of Geography, Planning and Environmental Policy. University College, Dublin, Ireland (July 2014). As an expert on Asian Cities

- **Certificate Course in Teaching in Higher Education (CTHE)**, Staff Development Centre, University of Sri Jayawardenepura, (2015)
- **Workshop on Counselling** for the Student Counsellors of the University of Moratuwa - Staff Development Centre (UoM) (2016)
- **DIALUX EVO Training** – Lighting Design Simulation – DIAL GMBH. (2018)

RESEARCH, PAPERS & PUBLICATIONS

Research

Book Chapter-

- Perera, N. G. R. (2016). Chapter 7: **Urban climate mapping in the tropics**. In, Emmanuel R. Urban Climate Challenges in the Tropics: Rethinking Planning and Design Opportunities, 205-254. Imperial College Press. doi.org/10.1142/9781783268412_0007

Research publications in refereed journals

- Perera N.G.R., Emmanuel. R. (2018). **A “Local Climate Zone” based approach to urban planning in Colombo, Sri Lanka**. URBAN CLIMATE, Vol.23, Pages 188-203 <http://dx.doi.org/10.1016/j.uclim.2016.11.00621>.
- A.S. Jayawardana, N.G.R. Perera, L.A.S.R. Perera, **“Cradle to Gate” assessment of material related embodied carbon: A design stage stratagem for mid-rise housing in Sri Lanka**, Energy and Buildings, Volume 230, 2021, 110542, ISSN 0378-7788, <https://doi.org/10.1016/j.enbuild.2020.110542>.
- Weerakoon, L.R.T. and Perera, N.G.R., 2021. **Vegetation Cover Effects on Outdoor Thermal Comfort Around High-rise Developments; A Case Study of Havelock City, Colombo, Sri Lanka**. FARU Journal, 8(1), pp.46–56. DOI: <http://doi.org/10.4038/faruj.v8i1.86>
- Pathirage, L. and Perera, N., 2022. **Daylight variation and contrast effect on human perception of spatial quality: A case study of selected contemporary residential spaces in Sri Lanka**. FARU Journal, 9(1), pp.1–11. DOI: <http://doi.org/10.4038/faruj.v9i1.112>
- Ratnayake, C.W., Perera, N.G.R. and Emmanuel, R., 2022. **Street Tree Planting Patterns to Modify the Sky View Factor for Outdoor Thermal Comfort Enhancement**. FARU Journal, 9(2), pp.1–11. DOI: <http://doi.org/10.4038/faruj.v9i2.167>
- Emmanuel, R., Jalal, M., Ogunfuyi, S., Maharroof, N., Zala, M., Perera, N., & Ratnayake, R. (2023). **Urban Heat Risk: Protocols for Mapping and Implications for Colombo, Sri Lanka**. Atmosphere, 14(2), 343. <https://doi.org/10.3390/atmos14020343>
- Thayanithy, D. and Perera, N., 2023. **Daylight and window view quality for visual comfort: the case of an office building in Jaffna**. Built-Environment, Sri Lanka, 13(2), pp.5–22. DOI: <http://doi.org/10.4038/besl.v13i2.7680>

Papers presented at National / International Conferences / Symposia

- Ariyawansa, D. N., & Perera, N. G. R. (2022). **The Role of biophilic design in hotel architecture: a case study of Heritance Kandalama, Sri Lanka**. In Proceedings of 15th International Research Conference - FARU 2022. <https://doi.org/10.31705/FARU.2022.24>
- Lewis P Blunn, Xiaoxiong Xie, Ting Sun, Narein Perera, Rangajeewa Ratnayake, Rohinton Emmanuel, Zhiwen Luo, Sue Grimmond (2022). **Temporal and Spatial Variation of**

Anthropogenic Heat Emissions in Colombo, Sri Lanka. 2022 IAUC Virtual Poster Conference. 30 Aug – 1 Sep 2022. Hosted by the International Association of Urban Climate. At UNSW. Australia.

- Pathirage, L. Y. and Perera. N. G. R. (2021). **Daylight variability and human perception with reference to selected contemporary residential spaces in Colombo, Sri Lanka.** 14th International Research Conference - FARU 2021 -<http://dx.doi.org/10.31705/FARU.2021.30>
- Lu, Shu-Ling, Emmanuel, Rohinton, Perera, Narein, Ratnayake, Rangajeewa, Grimmond, Sue, Luo, Zhiwen, Omidvar, Hamidreza, Sun, Ting. (2020). **Reduction of overheating in sri lanka: an action research imperative?** In proceedings of ARCOM 2020. Building A Common Good in Construction. 7-9 September – Glasgow Caledonian University, Glasgow, UK. In partnership with Technological University Dublin
- Maduranga, KKKDR, Perera, NGR. **Urban Heat Island Minimisation, Local Climate Zones and Parametric Optimisation: A “Grasshopper” Based Model.** (2019) 5th International Conference on Countermeasures to Urban Heat Islands. Hyderabad, India.
- JJ Hepsheba, NGR Perera, R Emmanuel. **Outdoor Thermal Comfort Implications of Planning and Building Regulation Induced Canyon Geometry.** (2019) 5th International Conference on Countermeasures to Urban Heat Islands. Hyderabad, India.
- Rathnayake, N. U., Perera, N. G. R., & Emmanuel, M. P. R. **Anthropogenic heat implications of Colombo core area development plan.** 9th International Conference on Environment Science and Engineering (ICESE 2019) 20-22 March 2019, Leuven, Belgium. <http://www.icese.org/2019.html>. Proceedings published as; Rathnayake, N. U., Perera, N. G. R., & Emmanuel, M. P. R. (2020). Anthropogenic heat implications of Colombo core area development plan. In IOP Conference Series: Earth and Environmental Science (Vol. 471). Institute of Physics Publishing.. <https://doi.org/10.1088/1755-1315/471/1/012002>. <https://iopscience.iop.org/article/10.1088/1755-1315/471/1/012002/pdf>
- AS Jayawardana, NGR Perera, LASR Perera **"Cradle to Gate" assessment of material related embodied carbon: a design stage stratagem for sustainable housing.** (2019) 5th International Conference on Countermeasures to Urban Heat Islands (IC2UHI), Hyderabad, India.
- Wimalarathne. K. L. L., Perera N.G.R., Emmanuel. R. (2018). **Mapping “Wind Comfort” in Public Urban Spaces of Galle Fort, Sri Lanka.** 11th International Conference of Faculty of Architecture Research Unit (FARU), Galle. University of Moratuwa, Sri Lanka.
- Caldera. A., Perera N.G.R. (2018). **Influence of Tree Shade Level on Comfort Perception - A Case Study of Outdoor Public Spaces of Viharamahadevi Park, Colombo.** 11th International Conference of Faculty of Architecture Research Unit (FARU), Galle. University of Moratuwa, Sri Lanka.
- Perera, N., & Emmanuel, R. (2017). **Sensitivity analysis of “Local Climate Zone” based urban morphology parameters for outdoor thermal comfort in the tropics.** In Proceedings of 33rd PLEA International Conference: Design to Thrive, PLEA 2017 (Vol. 2, pp. 1841–1848). NCEUB 2017 - Network for Comfort and Energy Use in Buildings.
- Maharroof, N., Perera, N., & Emmanuel, R. (2017). **Enhancing outdoor shading without diminishing indoor daylight integration: Simulations from Colombo, Sri Lanka.** In Proceedings of 33rd PLEA International Conference: Design to Thrive, PLEA 2017 (Vol. 2, pp. 3277–3284). NCEUB 2017 - Network for Comfort and Energy Use in Buildings.

- Vithanapathirana. M., Perera N.G.R., Emmanuel. R. (2017). **Microclimatic impacts of high-rise cluster developments in Colombo, Sri Lanka.** 10th International Conference of Faculty of Architecture Research Unit (FARU), University of Moratuwa, Sri Lanka.
- Swaris. N., Perera N.G.R. (2017). **Good reading light: visual comfort perception and daylight integration in library spaces.** 10th International Conference of Faculty of Architecture Research Unit (FARU), University of Moratuwa, Sri Lanka.
- A Adikari, SSL Hettiarachchi, N Perera. **The resilience and adaptation for disaster mitigation with special reference to coastal defensive measures used in Sri Lanka.** 7th International Conference on Sustainable Built Environment (ICSBE) 2016
- Perera N.G.R., Emmanuel. R. (2015). **A "Local Climate Zone" based approach to urban planning in Colombo, Sri Lanka.** 9th International Conference on Urban Climate jointly with 12th Symposium on the Urban Environment. Toulouse, France
- Benjamin* Bechtel, Mícheál Foley, Gerald Mills, Jason Ching, Linda See, Paul Alexander, Narein Perera, et.al. (2015). **CENSUS of Cities: LCZ Classification of Cities (Level 0): Workflow and Initial Results from Various Cities.** 9th International Conference on Urban Climate jointly with 12th Symposium on the Urban Environment. Toulouse, France
- Perera N.G.R., Samanthilake. P. (2014) **Effect of Street Canyon Materials on the Urban Heat Island Phenomenon in Colombo.** International Conference on Cities, People & Places, Colombo, Sri Lanka
- Perera N.G.R., Weerasekera W.M.S.B. (2014) **The Effect of Street Canyon Geometry on Outdoor Thermal Comfort in Colombo.** International Conference on Cities, People & Places, Colombo, Sri Lanka
- Perera N.G.R., Liyanapathirana. A. (2014). **Influence of urban water bodies on microclimate and thermal comfort: Case study of Beira Lake, Colombo.** Faculty of Architecture International Research Symposium - University of Moratuwa
- CD Udawattha, NGR Perera. **"Green" Urban Variables as an Urban Heat Island Adaptation Strategy in Hot Humid Colombo.** (2014) 5th International Conference on Sustainable Built Environment - ICSBE - Kandy
- Perera N.G.R., Emmanuel. R., Mahanama. P.K.S. (2013) **Projected Urban Development, Changing 'Local Climate Zones' and Relative Warming Effects in Colombo, Sri Lanka.** International Conference on Cities, People & Places, Colombo.
- Perera N.G.R., Langappulli. B.L.T. (2013) **Surface Fraction as a variable for Urban Heat Island Amelioration in Colombo.** Faculty of Architecture International Research Symposium – University of Moratuwa.
- Perera N.G.R., Emmanuel. R., Mahanama. P.K.S. (2012) **Mapping "Local Climate Zones" and relative Warming Effects in Colombo, Sri Lanka** - 8th International Conference on Urban Climate – ICUC 8 and 10th Symposium on the Urban Environment, Dublin, Ireland.
- Perera N.G.R., Emmanuel. R., Arooz. F.R. (2012) **Indoor Comfort Implications of Urban Microclimate: Case study of Office Buildings in Colombo.** Faculty of Architecture International Research Symposium – University of Moratuwa.

- Perera N.G.R. (2011). **Modified Urban Morphology as a Global Climate Change Adaptive Strategy in Warm-Humid Colombo, Sri Lanka** – Poster Presentation at the Croucher Advanced Study Institute 2011-2012, Urban Climatology on Tropical and sub-Tropical Regions’, Chinese of University of Hong Kong.
- Perera N.G.R., Emmanuel. R. (2002). **The Bioclimatic Approach to Urban Public Space – A Thermal Evaluation of “Streets” in Colombo.** Sri Lanka. Association for the Advancement of Science

Research Grants

- **Microclimatic Impacts of High-Rise Cluster Developments: Urban Planning and Design Challenges in warm humid Colombo, Sri Lanka.** 2018-19 - University of Moratuwa - Senate Research Grant. Principle Investigator.
- **Climate service for resilience to overheating risk in Colombo, Sri Lanka: a multiscale mapping approach (COSMA).** Co-Investigator. Natural Environment Research Council (Swindon) 2018-2020|Grant. GRANT NUMBER: NE / S005889 / 1. Dr Zhiwen Luo - Principal Investigator, University of Reading, UK.
- **Thermal Comfort Study in Post Disaster Housing in the Southern Coast of Sri Lanka.** 2016-17 - University of Moratuwa - Senate Research Grant. Co-Investigator. Principle Investigator; Dr. Shaleeni Coorey.
- **Design Considerations for Adaptive Behaviour and Adaptive Thermal Comfort in Naturally Ventilated Affordable High-rise Housing in Colombo, Sri Lanka.** Co-Investigator. (2020) University of Moratuwa – Long-Term Senate Research Grant. [SRC Long Term Grant - SRC/LT/2020/05] Coorey S.B.A. (Principal Investigator), Perera N.G.R., Giridharan. R. (Co-Investigators).

Papers Presented

International

- **Chief Guest and Keynote Speaker** at the **Convocation, College of Engineering Trivandrum, Kerala, India (2016)**
- **Keynote Speaker at CPD programme** - Indian Institute of Architects, Kerala Chapter (2016)
- **“Low Energy in Tropical Climates for Housing Innovation – International Project”**. The programme was supported by the Environment and Energy Management Agency (ADEME), France. (Prof Rahula Attalage – Co-Author)
Expert group Meeting (EGM) on Bio-climatic Architecture in Tropical Zones, 30th June – 5th July 2016, Saint Pierre, Réunion Island
The researched reports and presentations encompassing;

- Case Study assimilation and Synthesis of Best Practice Scenarios
 - Legal and Regulatory Framework
 - Existing and Future Incentives for Regulatory Codes
- **Sustainable Tropical Construction Initiative - Economic and Energy Efficient Housing in the Tropics.** (Prof Rahula Attalage – Co-Author)
Expert Group Meeting held in Pondicherry, India, 2-3 February 2015.
 - Status of residential housing: growth pattern, demand and supply, main actors, challenges, government initiatives, role of private sector
 - Energy-efficient housing: regulatory context, national strategy to achieve energy-efficient housing, R&D activities, existing initiatives, education and training programs in the domain
 - Energy efficient (green/ecological) residential housing: presentation of innovative projects and case studies
 - Low-cost energy efficient residential housing: sharing of country initiatives, challenges, possible solutions
 - IIA “**LIVING MONSOON**” - Season 2 - DESIGN TALK. Indian Institute of Architects, Cochin Centre. CPD Programme. 16th November 2019. (CPD programme)
 - **International Conference on Comfortable Affordable Housing** in the Tropics and Workshop of LETCHI (Low Energy in Tropical Climate Housing Innovation) network. Environment and Energy Management Agency (ADEME), France, in partnership with the Malaysia Green Building Confederation (MGBC), Kuala Lumpur, Malaysia. 2019. (Workshop)
 - **Developing cities in the tropics: the need for a climate-sensitive approach.** South Asian Landscapes. An Infra-Regional E-Symposium on contemporary building practices across South Asia. August 2020. School of Environment and Architecture in collaboration with the Urban Design Research Institute. Mumbai, India. (E-Symposium / Seminar)
 - “**Urban climate lessons from Colombo, Sri Lanka: challenges and opportunities**”. URBANISM NEXT by IUDI (INSTITUTE OF URBAN DESIGNERS, INDIA) February 2022. (E-Symposium / Seminar)

National

- **Introduction to “Local Climate Zones”:** Colombo, Sri Lanka and Energy Efficient Building Code for Sri Lanka. Country Assessment Workshop for Mainstreaming Resource Efficient Housing and Construction in Sri Lanka. State Ministry of Rural Housing and Construction & Building Materials Industries Promotion. March 2022.
- **Urban Environment & Wellbeing.** The Sri Lanka Institute of Architects. 39th Annual Sessions. February 2022.

- **“Urban climate lessons from Colombo, Sri Lanka: challenges and opportunities”**. Green Building Council of Sri Lanka (GBCSL) August 2022. (E-Symposium / Seminar)
- **Energy Efficiency “Smart Cities to Smart Buildings”**. Integrating Technology from Urban to Building scale. ARCASIA COMMITTEE FOR ARCHITECTURAL EDUCATION (ACAE). Student Workshop on Technology in Architectural Education. February 2020. (Workshop)
- **Local Climate Zones in Colombo and mitigation studies**. Climate service for resilience to overheating risk in Colombo, Sri Lanka: A multi-scale mapping (COSMA). 1st Co-Production Workshop. University of Moratuwa, Sri Lanka. July 2019. (Workshop)
- **Smart Buildings in Mega Cities - The Annual Sessions 2017 of Sri Lanka Energy Managers Association (SLEMA) – theme “Meeting Energy Needs of Mega Cities” - 2017**
- **Mapping Design Approaches for the Tropics - The Climatic Issue, Traditional Responses to Climate and a Simple Tool for Climate Sensitive Design**. The Associate Professional Training Course, Green Building Council of Sri Lanka (GBCSL) - Kandy – 2013
- **“Sustainable Urbanity”**. Continuous Professional Development, SLIA. 2012
- **"Sustainable Urbanity" Cities, Climate Change and Urban Heat Island - Adaptation options for Warm, Humid Tropics. Symposium on “Energy Efficiency in the Construction Sector”, 'French Spring Festival' organised by the French Embassy -2012**
- Seminar on Energy Efficient Building Code, **Lanka Association of Building Services Engineers (LABSE)** on Energy Efficient Building Envelops – 2011
- Energy Efficient Building Envelops and Sustainable Architecture, **Institute of Construction Training & Development (ICTAD)** – 2010
- **‘Vidulka’ Energy Symposium** on “Daylighting in Architecture”. Organised by the Ministry of Energy, Sri Lanka, Colombo, 2010
- **Sustainable Lighting Technology Institute**, a five-day hands-on course on Lighting, conducted by the Regional Centre for Lighting (RCL) in collaboration with its knowledge partner, **Lighting Research Centre (LRC)** of Rensselaer Polytechnic Institute, USA. 2010
- **“From Cradle to Grave + Beyond”**, Continuous Professional Development, SLIA. 2009
- **Regional Centre for Lighting (RCL)** Two day Training Program on Lighting. 2009
- SLIA Forum 2001 on the topic **“Making Architecture” – Tomorrow’s Generation**

Publications – feature of own architectural works and writing on others and own work

- Sri Lanka Institute of Architects Journal - **“Solis Ortus” - my rising of the sun. Home for Harin and Mihiri Gabriel, at Pelawatte** (2016)
- **NOW Architecture Sri Lanka** – Sri Lanka Institute of Architects - 2015

- Architecture Asia Magazine (Journal of the Architects Regional Council Asia – ARCASIA) – **Inaugural Architecture Asia Awards for Emerging Architects – Winners and Finalists.** (Issue 3, 2014)
- Architecture + Design Magazine, India – **The Golden Emerging Architect-Sri Lanka.** (November 2014)
- Sri Lanka Institute of Architects Journal - '**Bird Cage**' – Sanjaya and Ruvini Ramanayake Residence, Colombo 05 (2014)
- Jodido, Phillip, **Cabins.** Taschen, 2014. ISBN-10: 3836550261 – Estate Bungalow, Mathugama.
- Architecture Asia Magazine (Journal of the Architects Regional Council Asia – ARCASIA) – '**Sri Lanka, Poetic and Practical**'. (#2 2013)
- Architecture Asia Magazine (Journal of the Architects Regional Council Asia – ARCASIA) – '**View from the top**' - Estate Bungalow, Mathugama. (Jan/Feb/Mar 2010)
- SLIA Journal – '**Estate Bungalow**', Mathugama. (2010)
- Architecture & Interiors India – **Daylight Factor** (2010) – Author
- Sri Lanka Institute of Architects Journal - '**Enigma**' - Vitharana Residence, Colombo 08 (2006) – Author
- Sri Lanka Institute of Architects Journal - **Archt. M M G Samuel – Practice Profile** (2003) – Author
- Sri Lanka Institute of Architects Journal - '**Making Architecture**' – Tomorrow's Generation. An extract of the paper presented at Forum 2001 – Author
- Sri Lanka Institute of Architects Journal - **Archt. Ranjith Alahakoon – Practice Profile** (2000) – Author
- Sri Lanka Institute of Architects Journal - '**Making Architecture**' – Tomorrow's Generation. An extract of the paper presented at Forum 2001

OTHER ACTIVITIES

Sri Lanka Institute of Architects

Outlines contribution to the SLIA activities over the years, as a Committee member. Contribution as a Resource Person, Publications and Awards are detailed in other sections of this document.

- Secretary, Architects Exhibition Committee – 2008 & 2009
- Member, Board of Architectural Education - 2008
- Member, Investigation Committee – 2008
- Member, “Built Environment” Journal – Editorial Board - 2022
- Member, Educational Standards Committee - 2012
- Member, ARCASIA Committee on Sustainable Architecture – 2009
- Chief Coordinator, SLIA Family Day – 2007
- Member, Fellowship Night Committee – 2005 to 2007
- Member, Board of Architectural Education – Examinations Committee – 2017/2018
- Member, Board of Architectural Education – Committee for Cross Boarder Training – 2017/2018
- Examiner for Case Studies, SLIA Part III Examination (2004 to date)
- Examiner / Moderator, Environmental Studies, SLIA Part II Examination (2008 to 2012)
- Examiner, Technical Report, SLIA Part II Examination (2006 to date)
- Member, Cultural Night Committee for Architects Regional Council Asia Conference - 2007
- Member, SLIA – IESL Liaison Committee – 2006
- SLIA Student Representative for ACA9 – Malaysia – 2000

EXTRA-CURRICULAR

Sports

This section outlines representation and contribution to Sports at the International and National Levels, together with the involvement in administration roles and significant awards received at university and school levels.

Sri Lanka National Rugby team - 1991 and 1999-2001 (over 20 National caps won)

Sri Lanka Schools Basketball team – 1990/91 (Vice-Captain)

Athletics – Public Schools record holder (Putt-shot)

Awards

University Level

- Award for Most Outstanding Sportsman of the Year 2000.
- Trophy for the Best Ruggerite - 1996.
- Sri Lanka University Sports Association Special Award - 2000.
- Sri Lanka University Sports Association Award for Excellence in Rugby Football – 1997, 1998 & 2000.

School Level

- Warden S. J. Anandanayagam Memorial Prize for the Best All-Round Sportsman - 1990.
- Warden De Saram Challenge Cup for the Best Athlete of the Year - 1990.
- Trophy for the Best Ruggerite of the Season - 1990.
- Trophy for the Most Promising Junior Ruggerite - 1987.

Sports Administration

- Chairman Sports Advisory Board of the University of Moratuwa – 2017 to date.
- S. Thomas' College, Mount Lavinia
 - Advisory Committee for Basketball – 2014 to 2020
 - Assistant Coach – 1st XV Rugby Football – 2005

S. Thomas' College, Mount Lavinia – Offices held and Key Awards

- Head Prefect of the School (1992)
- Head Prefect of the Middle School in 1986
- Captain of the College 1st XV Rugby Football team - 1990.
- Captain of the College Senior Basketball team - 1989 & 1990.
- Captain of the College Athletics Team – 1989

- **The Victoria Jubilee Prize for the Best All-round Student - 1993.**