

**Merenchige Chathura Kovida De Silva**  
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## 1 PERSONAL PARTICULARS

Date of Birth : 11<sup>th</sup> September 1984  
Passport No : N 2214006  
Gender : Male  
Civil Status : Married  
Nationality : Sri Lankan

## 2 ACADEMIC QUALIFICATION

- **Successfully completed the Master of Business Administration (Technology Management) at the University of Moratuwa (2012/13)**

**Academic Standing: Pass (GPA: 3.06)**

Core subject modules include: Technology management- principles and strategies, Strategic management, Operations management, International technology transfer, Management of innovation and R & D

*Thesis under the topic of: Application of cluster concept to development of small and medium scale enterprises: a study of motor spare parts sellers in Panchikawatte, Colombo, Sri Lanka.*

- **Exchange Student Bachelor of Urban, Rural and Environmental planning (One Semester: February 2009– June 2009)**

Subjects studied: Australian Cities and regions: Research Methods for Planners; Planning Practice B

Faculty of Social Sciences and Humanities, Latrobe University, Bendigo, Victoria, Australia (Student Number : 15974989)

- **Successfully completed the Bachelor of Science Honors Degree in Town and Country Planning (2005/2009)**

**Academic Standing: First class. (Overall SGPA 3.80)- Batch Rank 01**

Faculty of Architecture, University of Moratuwa, Sri Lanka (Index Number: 052354 X)

Major academic projects undertaken during the program includes: Housing Development

Group Project (Maharagama Urban council area, National Planning Group Project, Regional

Planning Group Project (Gampaha District) and local Planning Group Project (Moratuwa

Municipal Council)

*Final year Individually Supervise Research Project: Topic: "Cellular automata simulation model Transformation of urban agglomeration in the Colombo municipal council – Sri Lanka"*

- **GCE Advanced Level Examination 2004**

Admission No: 4658949

Combined mathematics :	B
Physics :	B
Chemistry :	B
Z -Score :	+1.7373

▪ **GCE Ordinary Level Examination 2000**

Admission No: 21163227

Sinhala	:	D	Science I	:	D
English	:	D	Science II	:	D
Buddhism	:	D	Mathematics I	:	D
Commerce	:	D	Mathematics II	:	D
Social Studies	:	D	Art	:	C

- Obtained a **Diploma in English** at Aquinas College, Colombo, Sri Lanka (2004)

▪ **Schools Attended:**

- Sri Dharmarama Vidyalaya , Ahanagama, Sri Lanka (1990 - 1994)
- Richmond College, Galle, Sri Lanka (1994 – 2004 )

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**AWARDS AND ACHIEVEMENTS**

- Awarded as the **best student of the year of the B.Sc. (Hons.) in Town and Country Planning degree program for the year 2009** at the Annual convocation of the University of Moratuwa, 2009
- Selected for the **student Exchange program between the University of Moratuwa, Sri Lanka and La Trobe University**, Victoria, Australia based on superior academic performances – 2005
- Awarded with **Deans' list certificates in seven semesters** for superior academic performance during the **Sc. (Hons.) in Town and Country Planning degree program (2005/09)**

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**RECENT PUBLICATIONS, CONFERENCES PRESENTED/ ORGANIZED AND WORKSHOPS**

**PUBLICATIONS AND THE CONFERENCE PAPER PRESENTATIONS**

- Herath, S., & De Silva, C. (2016). An Application of Applying Agent Based Modelling to Explore the Complexity of Public Recreational Places: Case Study: Weras Ganga Public Park, Sri Lanka. *Research for transport and logistics industry*, (pp. 17-20). Colombo, Sri Lanka.
- Jayasinghe, A., Sano, K., Nishiuchi, H., & De Silva, C. (2016). A Network Centrality Application: Examination of Structural Coherence of Colombo Road Network. *Research for transport and logistics industry*, (pp. 27-30). Colombo, Sri Lanka.
- Dasanayaka, S.W.S.B., Sardana, G.D. and De Silva, C. (2015) 'Technology support from cluster development initiatives to SMEs: a study of motor spare parts enterprises in Sri Lanka', *Int. J. Services Technology and Management*, Vol. 21, Nos. 1/2/3, pp.55–71.
- De Silva, M. C. K., Wimaladasa, J., Munasinghe, J (2015). Calibrating Metronamica Land Use Simulation Model for Colombo, Sri Lanka. *Bhoomi International Planning Journal*
- De Silva, M. C. K., Wimaladasa, J., Munasinghe, J., & Jayasinghe, A. (2014). Modeling Colombo's land uses with Metronamica: a demonstrative approach. Paper presented at the Faculty of Architecture Research Symposium 2014, Koggala, Sri Lanka.
- De Silva, M., & Pathirana, P. (2014). City Image Making as City Branding: The Case of the City of Colombo Paper presented at the Faculty of Architecture Research Symposium 2014, Koggala, Sri Lanka.

- Seifert, I., Barkved, L., Holen, S., De Silva, M. C. K., Abenayake, C., Jayasinghe, A., Mahanama, P. (2013). Climate Resilient Action Plans for coastal urban areas, Sri Lanka. Paper presented at the European Climate Change Adaptation. Hamburg, Germany.
- De Silva, M. C. K., Mahanama, P., Abeynayake, C., Holen, S., & Barkved, L. (2013). Planning and design of multipurpose coastal Green Belts for proactive climate change adaptation; a case study of Batticaloa city, Sri Lanka. Presented at the European Climate Change Adaptation, Hamburg, Germany.
- De Silva, M. C. K., Kumarasinghe, S., Bandara, D., & Mahanama, P. (2013). Empowering future generation for proactive climate change adaptation: sensitization of school children on climate change. Presented at the European Climate Change Adaptation Hamburg, Germany.
- De Silva, M. C. K., Mahanama, P., & Abeynayake, C. (2012). Participatory approach to design multi-purpose green belts in vulnerable coastal areas to natural disasters: Case study Batticaloa MC, Sri Lanka. Paper presented at the Faculty of Architecture Research Symposium 2012, Galle, Sri Lanka.
- De Silva, M. C. K., Gunawardane, M., & Rathnayake, R. (2012). Hambanthota, Sri Lanka- Challenges in using the 'new city' planning approach to regional growth in developing countries. Paper presented at the International Conference and Workshop on the Built Environment in Developing Countries 2012 Australia
- Fernando, K., De Silva, M. C. K., Anandagoda, I., & Mariyathas, S. (2011). Sustainable Development through Compatible Development: A Planning Approach. Paper presented at the Asian Planning School Congress, Japan.
- Undergraduate dissertation on the topic on : Cellular automata simulation model to analyse the urban land use transformation pattern: With special reference to Colombo municipal council area (2009)
- Masters thesis on the topic on : Application of cluster concept to development of small and medium scale enterprises: a study of motor spare parts sellers in Panchikawatte, Colombo, Sri Lanka (2014)

#### **RECENT WORKSHOPS (CONDUCTED / ATTENDED/ ORGANIZED)**

- Conducted the training program -Training of Trainers (TOT) - for the local authority staff of Galle, Matara, Hambanthota, Puttalam, Chillaw, Moratuwa and Trincomalee on climate resilient practices for coastal cities of Sri Lanka - 2013
- Attended the training program on management of land acquisition, resettlement and rehabilitation (MLARR) conducted by World Bank, Sri Lanka - 2013
- Participation at the the European Climate Change Adaptation (ECCA) Conference in Hamburg 2013
- Participated at the workshop on: Land Use Planning for Sustainable Development in and around Heritage Areas, organized by the Institute of Town Planners Sri Lanka from 13<sup>th</sup> – 17<sup>th</sup> March 2011 in Hambanthota
- Participated in the workshop on: Sustainable development in the 21<sup>st</sup> Century by the GLYP on 13<sup>th</sup> February 2011
- Organized with the Young Planners team the conference on : Youth for ECO<sup>2</sup> Cities of Tomorrow on 18<sup>th</sup> January 2011

## PROFICIENCY IN LANGUAGES

	Read			Write			Speak			Presentation skills		
	Best	Better	Good	Best	Better	Good	Best	Better	Good	Best	Better	Good
Sinhala												
English												

- Passed the **International English Language Testing System (IELTS) with an overall Band Score of 7.0 (Academic)**

(Candidate number: 003138, Center Number: LK001, Date: 16/ 08/2016)

## COMPUTER LITERACY

Have an excellent knowledge on below mentioned software applications.

<b>Spatial analysis related software</b>	: Arc view 3.2, Arc Map 9.3, gvSIG
<b>Development Software</b>	: Video Editing (U-Lead,)
<b>Application software</b>	: MS Office
<b>Programming Software</b>	: VB 6.0, VB. Net, R, C, Python

## EMPLOYMENT RECORD

From	15th May 2013	To	To present
<b>Employer</b>	<b>University of Moratuwa, Sri Lanka</b>		
<b>Position held</b>	<b>Lecturer</b>		
<b>Main responsibilities</b>	<ul style="list-style-type: none"> <li>- Undertake the lecture sessions for the BSc (Hons) in Town and Country Planning degree program on the following subject modules : Project planning, local planning, communication technologies, data sourcing, Production and process technologies, Thematic planning studio</li> <li>- The level 01 year coordination activities for the BSc (Hons) in Town and Country Planning degree program</li> <li>- Supervision (selected) of Individually Supervised Research Project (ISRP) for the final year students of the BSc (Hons) in Town and Country Planning degree program</li> <li>- Undertake research projects               <ol style="list-style-type: none"> <li>I. Short term research grant to test the applicability of Metronamica simulation model for Colombo, Sri Lanka (completed)</li> <li>II. Short term research grant for the research project on : Application of Metronamica urban simulation model to understand the land use changes in planning in Kandy metropolitan region, Sri Lanka ( on going)</li> <li>III. Short term research grant for the research project on : Explore the possibility of incorporating 'Informality' as a planning strategy in plan making and implementation in Sari Lankan planning system: A case study Anuradhapura (completed)</li> <li>IV. Short term research grant for the research project on : Develop</li> </ol> </li> </ul>		

	<p>an alternative framework for the definition of 'urban areas' in Sri Lankan context (on going)</p> <p>V. Research study on incorporating big data for urban simulation modeling: With Metronamica for Colombo City (on going)</p>		
From	01st January 2012	To	30th November 2013
<b>Employer</b>	<p><b>University of Moratuwa for the project on : <i>Climate Resilient Action Plans for Coastal Urban Areas of Sri Lanka - CCSL</i></b></p> <p><b>Project partners : UNHABITAT , Norwegian Institute of Water Research (NIVA), University of Moratuwa, Batticaloa MC and the Negombo MC</b></p>		
<b>Position held</b>	<b>Consultant (Urban Planning) / National Project Secretary</b>		
Main responsibilities	<p>Project features :</p> <ul style="list-style-type: none"> <li>- Climate Resilient Adaptation Strategies and supporting action Plans (CRASAP) developed and conduct training in municipal areas</li> <li>- Organize stakeholder workshops, FGD's and city consultation sessions in Batticaloa / Negombo MC areas</li> <li>- Conduct adaptation training for local staff, school children and community</li> <li>- Conduct assessment of the climate change, green belts and disaster rapid response systems</li> <li>- Reporting of the assessments and presentation of the findings</li> <li>- Handled the responsibility on project administration and management</li> </ul>		
From	01st May 2012	To	To Present
<b>Employer</b>	<b>Management and Science University, Malaysia (Colombo Campus)</b>		
<b>Position held</b>	<b>Visiting Lecturer (Part time)</b>		
Main responsibilities	<ul style="list-style-type: none"> <li>- Preparation and conduct Theory/Project lecture/ tutoring sessions: Tourism planning and development</li> <li>- Organize field/Social surveys</li> </ul>		
From	01 <sup>st</sup> August 2011	To	31 <sup>st</sup> December 2011
<b>Employer</b>	<b>Management and Science University, Malaysia (Colombo Campus)</b>		
<b>Position held</b>	<b>Assistant Director / Registrar</b>		
Main responsibilities	<ul style="list-style-type: none"> <li>- Develop and business plans for the company</li> <li>- Monitoring the operational matters and undertake necessary actions</li> <li>- Monitor the academic coordination</li> </ul>		
From	01 <sup>st</sup> August 2009	To	01 <sup>st</sup> August 2011
<b>Employer</b>	<b>University of Moratuwa</b>		
<b>Position held</b>	<b>Instructor - (Temporary) - Department of Town and Country Planning</b>		
Main responsibilities	<ul style="list-style-type: none"> <li>- Preparation and conduct Theory/Project lecture/ tutoring sessions: Infrastructure Planning, Traffic and Transportation Planning, Culture and Heritage Planning</li> <li>- Organize field/Social surveys</li> <li>- Career guidance coordinator of the Department</li> </ul>		

From	01 <sup>st</sup> March 2009	To	30 <sup>th</sup> June 2009
<b>Employer</b>	<b>Greater Bendigo City Council, Bendigo, Victoria, Australia</b>		
<b>Position held</b>	<b>Student Planner</b>		
Main responsibilities	Include the review of future development possibilities of two identified sites in Bendigo with community consultation. <ol style="list-style-type: none"> <li>1. Bridge street site redevelopment project</li> <li>2. Review of the former Golden Square High School Site Hattam Street, Golden Square, Bendigo</li> </ol>		
From	01 <sup>st</sup> July 2008	To	31 <sup>st</sup> January 2009
<b>Employer</b>	<b>FELIDAE – eLearnware</b>		
<b>Position held</b>	<b>Project Manager</b>		
Main responsibilities	<ul style="list-style-type: none"> <li>- Organize and conduct meetings with the resources persons in developing the content.</li> <li>- Organize and conduct meetings and sessions in developing the Moodle platform.</li> <li>- Coordinate the project between resource persons, content developers and the web development team.</li> <li>- Organize stakeholder consultation sessions with student groups and teachers.</li> <li>- Reporting and presentation of findings to the company.</li> </ul>		

## 7 CONSULTANCY PROJECT EXPERIENCE (COMPLETED / ON GOING)

<b>Name of assignment or project:</b>	<b>South Asia Urban Knowledge Hub Project</b> Funded by Asian Development Bank
Year:	2014 – to present
Location:	Colombo
Client/ Project team:	University of Moratuwa, Sri Lanka Implemented with Ministry of Urban Development, Sri Lanka, Urban Development Authority – Sri Lanka
Main project features:	Develop an Environmental Information Management System (EMIS) to upgrade the service delivery process of Local Authorities in Sri Lanka
<b>Positions held:</b>	<b>Project Coordinator / Urban Planner</b>
Activities performed:	<ul style="list-style-type: none"> <li>- Coordinate the project activities, including the project budgeting on behalf of the University of Moratuwa project team</li> <li>- Facilitate the project activities by strengthening the collaboration with Ministry of Urban Development, Sri Lanka, Urban Development Authority – Sri Lanka and local authorities selected for the case study of the project</li> <li>- Urban planning knowledge contribution to the project in developing the EMIS</li> </ul>
<b>Name of assignment or project:</b>	<b>Strategic Cities Development Project – Galle city</b> Funded by World Bank

Year:	2014
Location:	Galle / Colombo
Client/ Project team:	Uni consultancy services, University of Moratuwa, Sri Lanka World Bank
Main project features:	To improve selected urban services and public urban spaces in the participating city regions of Sri Lanka
<b>Positions held:</b>	<b>Urban Planner</b>
Activities performed:	<ul style="list-style-type: none"> <li>- Assist the examination of tourism in Galle region</li> <li>- Evaluation of potential sites for tourism development in Galle region</li> <li>- Identification and the formulation of growth scenarios for the Galle region (in the project team)</li> <li>- Formulation of action projects for implementation (in the project team)</li> </ul>
<b>Name of assignment or project:</b>	<b><i>Urban and Peri-urban Agriculture and Forestry (UPAF) &amp; Climate change</i></b> Funded by Resource Center on Urban Agriculture and Food Security (RUAF), Netherland
Year:	2012
Location:	Kesbewa / Colombo
Client/ Project team:	University of Moratuwa, Implemented jointly with Ministry of Agriculture, Sri Lanka, Practical Action-Sri Lanka and Kesbewa Urban Council
Main project features:	To develop a framework to promote Urban Agriculture in Kesbewa Municipal area, Sri Lanka
<b>Positions held:</b>	<b>Urban Planner</b>
Activities performed:	<ul style="list-style-type: none"> <li>- Formulate a framework to assess the climate change vulnerabilities in the Kesbewa Municipal area</li> <li>- Assessment on climate change vulnerabilities and the sectors</li> <li>- Formulate a framework to understand the potential for urban agriculture in the area</li> </ul>
<b>Name of assignment or project:</b>	<b>Metro Colombo Urban Development Project – Assessment of the Culture and heritage in CMC area</b>
Year:	2011/12
Location:	Colombo Municipal Council Area (CMC) and the Suburbs
<b>Client:</b>	<b>World Bank</b>
Main project features:	Assessment of the Culture and heritage in CMC area to facilitate the project formulation for Metro Colombo Urban Development
<b>Positions held:</b>	<b>Urban Planning Consultant</b>
Activities performed:	<ul style="list-style-type: none"> <li>- Review the institutional, regulatory and financial framework for cultural heritage in CMC</li> <li>- Strategic assessment of cultural heritage interventions in CMC</li> <li>- Pre feasibility assessment and support to project preparation</li> </ul>
<b>Name of assignment or project:</b>	<b><i>Rapid assessment of “Adaptive capacity for climate change in Sri Lankan cities and integrate the climate change aspect to national policy”</i></b>
Year:	2011
Location:	Batticaloa MC and surrounding local authority areas Negombo MC area

<b>Client:</b>	<b>UNHABITAT and the ARCADIS consultancy firm</b>
Main project features:	Rapid assessment
<b>Positions held:</b>	<b>Project Coordinator</b>
Activities performed:	<ul style="list-style-type: none"> <li>- Organizing stakeholder workshops in Batticaloa and Negombo MC areas</li> <li>- Organize and participated in discussion sessions with the government officials and ARCADIS consultancy team</li> <li>- Coordinating the whole program on behalf of the university team.</li> </ul>
<b>Name of assignment or project:</b>	<b>Promotion and sensitization of Good Governance – Pilot project</b>
Year:	2009 / 10
Location:	Mahakumukkadawala, Nawagaththegama and Thanamalwila Divisional Secretariat areas
Client:	World Vision Lanka
Main project features:	Baseline and Evaluation studies
<b>Positions held:</b>	<b>Project Assistant and Survey Team Coordinator of the project consultant team of the University of Moratuwa</b>
Activities performed:	<ul style="list-style-type: none"> <li>- Co-ordination with the field officers,</li> <li>- Conduct community surveys and Focus Group Discussion and community leader participation sessions with community leaders</li> <li>- Organize and conduct stakeholder meetings and report writing</li> </ul>
<b>Name of assignment or project:</b>	<b>Vulnerability Assessment - Climatic Change City Development Strategies to Respond Climate Change</b>
Year:	2010/11
Location:	Batticaloa Municipal Council & the Negombo Municipal council areas
Client:	University of Moratuwa, Sri Lanka UNHABITAT
Main project features:	Conduct vulnerability assessments with local stakeholder involvement (Under the Cities and Climate Change Initiative - CCCI)
<b>Positions held:</b>	<b>Project Associate</b>
Activities performed:	Field surveys, stakeholder meetings with the local authority staff, workshop for stakeholder participation, data analysis and report writing
<b>Name of assignment or project:</b>	<b>Support to Implementation of the Sri Lankan Urbanization Framework</b>
Year:	2010
Location:	Batticaloa Municipal Council and surrounding DSD areas
<b>Client:</b>	<b>University of Moratuwa, Sri Lanka UNHABITAT</b>
Main project features:	Replication Stage
<b>Positions held:</b>	<b>Project Assistant of the project consultant team of the University of Moratuwa</b>



Activities performed:	Field surveys, stakeholder meetings with the local authority staff, workshop for stakeholder participation, data analysis and report writing
<b>Name of assignment or project:</b>	<b>Comprehensive Township Development Plan for Diyagama</b>
Year:	2007
Location:	Diyagama Area
<b>Client:</b>	<b>Urban Development Authority</b>
<b>Positions held:</b>	<b>Survey Team Member</b>
Activities performed:	Conduct field surveys, Interviewing the general public and compilation of survey data

## 8 PROFESSIONAL QUALIFICATIONS

- Chartered Town Planner of the Institute of Town Planners Sri Lanka (ITPSL) – Membership number M 283
- Successfully completed the Part III examination of the Institute of Town Planners Sri Lanka (ITPSL) - Chartered Town Planner
- Associate member of the Institute of Town Planners Sri Lanka (ITPSL) - (2010 to present) and pursuing the part III examination for the corporate membership (Chartered membership)
- Member of the Sri Lankan Young Planner Forum (YPF) –(2005- present)

## 9 EXTRA CARRICULAR ACIVITIES

- Chairman of the Young Planners Forum of the Institute of Town Planners in Sri Lanka. (2009 - 2010)
- Corporate Member of Institute of Town Planners in Sri Lanka (ITPSL) - M 283
- Assistant editor of the Faculty of Architecture Alumina – “ArcFac” (2010/2011)
- Chairman of the Media and Publication committee of the Young Planners’ Forum (YPF), Sri Lanka (2008/09)
- Executive Committee member of the World University Service (WUS), University of Moratuwa, Sri Lanka (2007/2008)
- Secretary of the Architecture Faculty Students Union, University of Moratuwa, Sri Lanka (2007/2008)
- Voluntary Teacher at Sri Mahinda Dharma School, Maha Viharaya, Ahanagama, Sri Lanka (2003 – 2005)
- Member of the under 15 Badminton team, Richmond College, Galle, Sri Lanka (1997/01)
- Member of the under 19 Soccer team, Richmond College, Galle, Sri Lanka (2002/03)

- Member of the School Science Association, Richmond College, Galle, Sri Lanka (2001 - 2004)
- Junior Prefect at Richmond College, Galle, Sri Lanka (1998-2000)

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## **SKILLS AND ABILITIES**

- Listen and Observe
- Learn Quickly and working under challenging environments
- Understand Adapt to new working environments with cultural diversities
- Communicate effectively despite language barriers
- Investigate and research on interesting topics relevant to the discipline of urban planning
- Work and Thrive in spite of chaos and confusion situations
- Achieve goals despite obstacles
- Keen to handle difficult and challenging situations
- Accept responsibilities

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## **REFEREES**

*Available up on request.*

I do hereby certify that the above particulars given by me are true and correct to the best of my knowledge.

**08.07.2016**

**De Silva M.C.K.**