



Senior Lecturer Grade II

Chartered Town Planner

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1. Work Experience

- 31 August 2018- up to date **Senior Lecturer (Grade II)**
- 02 October 2012 – August 2018 **Lecturer (Probationary/ Confirmed)**, Department of Town & Country Planning, University of Moratuwa, Sri Lanka.
- Lecturer for Part III course of the Institute of Town Planners Sri Lanka.
- August 2011 – October 2012 **Lecturer (on Contract Basis)**, Department of Town & Country Planning, University of Moratuwa, Sri Lanka.
- July 2009 – July 2011 **Lecturer (Temporary)**, Department of Town & Country Planning, University of Moratuwa, Sri Lanka.
- July 2008 – July 2009 **Instructor (Temporary)**, Department of Town & Country Planning, University of Moratuwa, Sri Lanka.

2. Academic Qualifications

- August 2015 – July 2018 **The Degree of Doctor of Philosophy (PhD)**
University of Colombo
Awarded Date: 01 July 2018
Colombo 3, Sri Lanka
- March 2011 – March 2013 **Master of Science in Project Management**
Awarded Date: 01 March 2013
University of Moratuwa, Moratuwa, Sri Lanka
- March 2004 – May 2008 **Honours Degree of Bachelor of Science in Town & Country Planning (First Class, GPA=3.86)**
Awarded Date: 01 May 2008
University of Moratuwa, Moratuwa, Sri Lanka

3. Research

- 3.1. Research interests Application of Planning Techniques and Planning Models for decision making purposes, Climate change and Disaster Management, Urban Management and Land Use Planning.
- 3.2. Journal Reviewer
1. A Reviewer for 'International Journal of Real Estate Studies' <https://www.utm.my/intrest/>, International Journal of Real Estate Studies Centre for Real Estate Studies, University Technology Malaysia.
 2. A Reviewer for FARU 2020 Virtual Conference, Faculty of Architecture Research Unit, University of Moratuwa.
 3. A Reviewer for Second and Third Annual Research Symposium of the Faculty of Technology, University of Colombo.
- 3.3. Overview of research works
1. Developing a Model to assess the relationship between built environment and level of walkability, (SRC/ST/2015/09) from March 2015 to February 2016.
 2. Developing an Urban Management Performance Assessment Criterion for Municipalities of Sri Lanka, (SRC/ST/2013/04) from Aug 2013 to June 2014.

3.4. Significance of research works

How My Research Works were related to the Teaching of the course

Research title	Subject module	Relevance
Application of e-governance to ensure good governance in Sri Lankan Context with reference to Building Application Approving Procedure (2009)	Governance in Planning	E governance aspect and Case study application
Extracting Enviably Features of Sidewalk Space through Rough Sets Approach (2010)	Applied Mathematics	Set theory and its application for decision making
Use of Mathematical Modeling for Planning Municipal Solid Waste Collection (2012)	Applied Mathematics	Optimization and its application for decision making
A Model for Assessing the Level of Walkability in Urban Neighborhoods in Sri Lanka (2015)	Applied Statistics	Correlation and Multiple regression analysis
Application of Analytic Hierarchy	Planning	Case study of AHP

Process (AHP) in evaluating the achievement level of objectives of Urban Development Plan. (2016)	Techniques	application in planning practices
Spatial Evaluation of Coastal Ground Water Quality in Southwest Coastal Region of Sri Lanka.(2016)	Ecology in Planning	Water quality index calculation
A model to estimate the implicit values of housing attributes by applying the hedonic pricing method (2017)	Applied Statistics	Correlation and Multiple regression analysis
Optimizing Salinized Paddy Lands: Implications for Future Population(2018)	Demography in Planning & Planning models	Population forecasting & Linear Programming and optimization

3.5. Academia-industry collaborations in research works

Research works carried in-collaboration with an industrial partner

Research title	Collaboration partners
Stakeholder Perception based Approach to Vulnerability assessment: Case of Rathnapura Municipal Council area (2013)	Rathnapura Municipal Council UNHABITAT
Socio Economic Elements that affect to Flood Vulnerability(2016)	Rathnapura Municipal Council UNHABITAT
Time Series Analyses of Total Monthly Precipitation and Mean Monthly Temperature for Sustainable Drought Management in Manner, Sri Lanka (2016)	Manner Municipal Council UNHABITAT
A study to identify the soil characteristics of wetlands in Colombo Sri Lanka.(2016)	Government of Sri Lanka Metro Colombo Urban Development Project

4. Publication

Publications in journals indexed in Scopus, and (or) in SCIE, SSCI, AHCI and ESCI; also those (journals & conferences) in top 20 sources in sub-categories of Google Scholar Metrics in which full paper is refereed and published

1. T.K.G.P. Ranasinghe and R.U.K. Piyadasa. (2020). *Optimizing Salinized Lands for Coastal Community of Bentota Area, Sri Lanka*. Journal of the National Science Foundation of Sri Lanka. 2020 48 (4): 379 – 396. DOI: <http://dx.doi.org/10.4038/jnsfsr.v48i4.8803> at <http://www.nsf.ac.lk/>. Indexed by the Science Citation Index Expanded. ISSN 2362-0161.22 February 2019; Revised: 2020; Accepted: 29 May 2020.
2. T.K.G.P. Ranasinghe and R.U.K. Piyadasa. (2020). *Simulation of Coastal Salinity Susceptibility in Bentota, Sri Lanka*. Asian Journal of Water Environment and Pollution. Indexed in Scopus, Vol. 17, No. 1 (2020), pp. 35–42. DOI 10.3233/AJW200004. ISSN : 0972-9860.
3. T.K.G.P. Ranasinghe and R.U.K. Piyadasa. (2019). *Visualizing the spatial water quality of Bentota, Sri Lanka in the presence of Seawater Intrusion*. The Journal of Groundwater Science and Engineering. Indexed in Scopus. ISSN : 2305-7068. Volume 7, No 4 pgs 340-353. DOI:10.19637/j.cnki.2305-7068.2019.04.005.
4. T.K.G.P. Ranasinghe M.D.N.D.Perera, R.U.K. Piyadasa, and G.Y.Jayasinghe.(2018). Risk of seawater intrusion on coastal community of Bentota River Basin Sri Lanka.7th International Conference on Building Resilience; Using scientific knowledge to inform policy and practice in disaster risk reduction, ICBR2017, 27 – 29 November 2017, Bangkok, Thailand. Published in Science Direct, Procedia Engineering. 212 (2018) 699–706. Available online at www.sciencedirect.com, Published by Elsevier Ltd.www.elsevier.com/locate/procedia.

Publications in conferences, book chapters and books indexed in Scopus; also papers in journals not in any indexes/databases identified above; in which full publication is refereed and published.

1. T.K.G.P Ranasinghe, R.U.K Piyadasa, and H.M.M.S.D. Herath. (2018). *Enhancing Community Resilience via Sustainable Management of Abandoned Paddy Lands*. Colombo Journal of Multidisciplinary Research, Volume 3, No 3, pgs 45-62.ISSN 2362-0633.
2. R.U.K. Piyadasa, T.K.G.P Ranasinghe, D.M.P.D. Bandara & H.M.M.S.D. Herath (2018). *Weather forecasting and Flood Simulation for Sustainable Land Use Management: Bentota River Basin in Sri Lanka*. Journal of Multidisciplinary Research in Sustainability. Volume1, No1. June 2018.pgs 1-29. DOI <http://jmrs.org.uk/issue/view/1490/show>.
3. Gayani Ranasinghe & Ranjana UK Piyadasa (2017). A book titled on Rainfall Forecasting and Flood Simulation for Land Use Management: Bentota River Basin in Sri Lanka. LAP LAMBERT Academic Publishing, OmniScriptum AraPers GmbH, Bahnhofstraße 28, D-66111 Saarbrücken, Germany. ISBN: 978-3-330-05268-0.
4. Gayani Ranasinghe, Ranjana UK Piyadasa.(2017). *Forecasting*

- Temporal and Spatial Climatological Influence for Land Suitability Evaluation in Bentota Sri Lanka*. International Journal of Built Environment and Sustainability e_ISSN:2289-8948, ISSN: 1511-1369 Volume 4 Issue 1, pages 37-47: Website: <http://www.ijbes.utm.my>. (Indexed in UDLEDGE Social Science & Humanities Citation Index (SS&HI), <http://www.udledge.com>). Published by Faculty of Built Environment, University Technology Malaysia. DOI: 10.11113/ijbes.v4.n1.158.
5. Piyadasa, RUK, Ranasinghe G (2017). *Exploration of recent land use and land cover changes of the Bentota River Basin in Sri Lanka*. ColomboArts Journal of Social Sciences and Humanities, Volume II, Issue I, pgs 33-45.
Available at: http://colomboarts.cmb.ac.lk/?page_id=19.
 6. T.D.Randeniya, Gayani. Ranasinghe, Susantha Amarawickrama.(2017). *A model to estimate the implicit values of housing attributes by applying the hedonic pricing method*. International Journal of Built Environment and Sustainability e_ISSN:2289-8948, ISSN: 1511-1369, Volume 4 Issue 2, pages 113-120,Website: <http://www.ijbes.utm.my>. (Indexed in UDLEDGE Social Science & Humanities Citation Index (SS&HI), <http://www.udledge.com>). Published by Faculty of Built Environment, University Technology Malaysia. DOI: 10.11113/ijbes.v4.n2.104
 7. Gayani Ranasinghe and Ranjana UK Piyadasa. (2016). *Time Series Analyses of Total Monthly Precipitation and Mean Monthly Temperature for Sustainable Drought Management in Manner, Sri Lanka*. Journal of Climate Change, ISSN print: 2395-7611, ISSN online 2395-7697 Vol. 2, No. 2 (2016), pp. 15–23..www.iospress.com/journal-of-climate-change. (Abstracted/indexed in Google scholar).Published by Jawaharlal Nehru University, India.
 8. Gayani Ranasinghe and Lalith De Silva (2016). *Application of Analytic Hierarchy Process (AHP) in evaluating the achievement level of objectives of Urban Development Plan*. International Journal of Built Environment and Sustainability e_ISSN:2289-8948 ISSN: 1511-1369, Volume 3 Issue 2, pages 79-85, Website: <http://www.ijbes.utm.my>. Published by Faculty of Built Environment, University Technology Malaysia, DOI: 10.11113/ijbes.v3.n2.123.
 9. Gayani Ranasinghe, Susantha Amarawickrama and Rangajeewa Rathnayake. (2016), *A Study to Compare the Level of Walkability in Two Urban Neighborhoods of Sri Lanka*, International Journal of Engineering Research and General Science (Indexed in Google scholar, index Copernicus, e-pernicious, jour informatics, EBSCO Host

etc),(ISSN 2091-2730),Vol.4 Issue 1 January-February 2016, pages 6-13, www.ijergs.org.

10. Gayani Ranasinghe, Susantha Amarawickrama and Emeshi Warusavitharane.(2016). *An Approach to assess the Urban Management Performance of Municipalities in Sri Lanka*. International Journal of Built Environment and Sustainability e_ISSN:2289-8948 ISSN: 1511-1369, Vol 3 Issue 1, pages 45-52. Received: 6 December 2015, Accepted: 15 January 2016, Available Online: 30 January 2016: Website: <http://www.ijbes.utm.my>. (Indexed in UDLEDGE Social Science & Humanities Citation Index (SS&HI), <http://www.udledge.com>) Published by Faculty of Built Environment, University Technology Malaysia. DOI:10.11113/ijbes.v3.n1.109
11. Gayani Ranasinghe, Susantha Amarawickrama, Rangajeewa Rathnayake, Thilini Randeniya and Senani Rathnasiri (2015). *A Model for Assessing the Level of Walkability in Urban Neighborhoods in Sri Lanka*. International Journal of Built Environment and Sustainability e_ISSN:2289-8948: ISSN: 1511-1369. IJBES Special Edition 2(4)/2015— 13th APSA Congress 2015, Volume 2, No 4, pages 292-300, Website: <http://www.ijbes.utm.my>..Published by Faculty of Built Environment, University Technology Malaysia. DOI:10.11113/ijbes.v2.n4.97.

Publications in international conferences; also those in transactions of recognized professional associations in which full paper is refereed and published but not in any indexes above

1. Herath H.M.M.S.D., Piyadasa, R.U.K. & Ranasinghe G.P.(2019). *An Evaluation on the impacts of Dry Zone Coastal Ground Water quality changes on sustainability of rural water supply (Kalpitiya Peninsula, Sri Lanka)*. International Journal of Multidisciplinary. Volume-04 ISSN: 2455-3085 (Online) Issue-05 www.rrjournals.com[UGC Listed Journal]
2. Gayani Ranasinghe, Ranjana UK Piyadasa and M.D.N.D.Perera (2016). *Spatial Evaluation of Coastal Ground Water Quality in Southwest Coastal Region of Sri Lanka*. Proceedings of the International workshop on Climate Change and Anthropogenic Activities: Impact on Coastal Development and Management. Pages 45-49. Department of Geography, University of Colombo in collaboration with the Island Research Center, China. ISBN-978-955-703-007-4.
3. Gayani Ranasinghe, Ranjana UK Piyadasa, and Samanmali Mataraarachchi (2016). *A study to identify the soil characteristics of wetlands in Colombo Sri Lanka*. Proceedings of 6th International Research Symposium on Engineering Advancements– 2016, (IRSEA 2016), pages 60-63. Faculty of Engineering, South Asian Institute of Technology and Medicine (SAITM), 4 June 2016, Malabe, Sri Lanka.

Publications in 1. T.K.G.P. Ranasinghe, H.M.M.S.D.Herath and R.U.K. Piyadasa.

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conferences in
which full paper
is refereed and
published but not
in any indexes
above

- (2018). Optimizing Salinized Paddy Lands: Implications for Future Population. Proceedings of Twentieth Annual Scientific Sessions 09th June 2018, Population Association of Sri Lanka. Pgs 41-45.
2. Gayani Ranasinghe and Ranjana UK Piyadasa.(2016). Socio Economic Elements that affect to Flood Vulnerability. Sri Lanka Journal of Population Studies, ISSN1391-3433 Publisher: Population Association of Sri Lanka, Volume 15-16, April 2016, pages 103-114.
 3. Ranasinghe, T.K.G.P, Susantha, A.L and Rathnasiri, G.K.S. (2014). Factors of the built environment that affects the walkability in a Sri Lankan urban Neighborhood. Proceeding of 6th FARU International Research Journal 22 December 2014. ISSN: 2012 6301 Vol. 06 Issue 01, pages 261-267.
 4. Ranasinghe, T.K.G.P, Malani Herath and Lanka, W.M.J. (2014). A study on the potentials of rainwater harvesting practices to mitigate urban floods. Proceeding of 6th FARU international Research Journal, 22 December 2014. ISSN: 2012 6301 Vol. 06 Issue 01, pages 237-243.
 5. Ranasinghe, T.K.G.P, Warusawitharane, E.J. and Mahanama, P.K.S, (2013). Stakeholder Perception based Approach to Vulnerability assessment: Case of Rathnapura Municipal Council area. Proceeding of 5th FARU International Research Journal 14, 15 December 2013, Vol 5, ISSN 2012 6301, pages 393-406.
 6. Ranasinghe, T.K.G.P., L.Nillegoda and P.K.S.Mahanama.(2013). Identification of evaluating criteria for sustainable visitor management of National parks of Sri Lanka. Proceeding of 5th FARU International Research Journal on 14, 15 December 2013, Vol 5, ISSN 2012 6301, pages 383-392.
 7. Ranasinghe, G., L.P.Gangabada and P.K.S.Mahanama.(2013). People's perception of revitalized public spaces: the case of independence square, Colombo, Sri Lanka. Proceeding of 5th FARU International Research Journal 14, 15 December 2013, Vol 5, ISSN 2012 6301, pages 170-190.
 8. Ranasinghe, T.K.G.P. and De Silva, M, L., (2013). An Evaluation of the outcomes of the urban development plans with special reference to Moratuwa urban Development plan. Proceeding of World Construction Symposium, Socio-Economic Sustainability in Construction 2013, Pages 22-32.
 9. Ranasinghe, T.K.G.P., and Warusawitharane, E.J. (2012). Use of Mathematical Modelling for Planning Municipal Solid Waste Collection. Proceeding of FARU International Research Journal, 2012, page 10.
 10. Ranasinghe, T.K.G.P, and Hewawasam, H.U.C.P. (2010). Extracting

Enviably Features of Sidewalk Space through Rough Sets Approach. *Bhumi, The Planning Research Journal*, Vol 02, No.01, pages 35-47.

- Full Paper and Abstract Presentations at International and National Research Conferences
1. T.K.G.P. Ranasinghe and R.U.K. Piyadasa. (2018). *Optimizing Salinized Lands for Coastal Community of Bentota Area, Sri Lanka*. 5th International Conference on Arts and Humanities – ICOAH 2018. 27th – 28th September 2018, Colombo, Sri Lanka. Book of Abstracts, pg 42, ISBN 978-955-3605-10-8. (Session best presentation Award)
 2. T.K.G.P. Ranasinghe and R.U.K. Piyadasa. (2018). *Visualizing the spatial water quality and community risk of Bentota area, Sri Lanka*. 5th International Conference on Arts and Humanities – ICOAH 2018. 27th – 28th September 2018, Colombo, Sri Lanka. Book of Abstracts, pg 45, ISBN 978-955-3605-10-8.
 3. T.K.G.P. Ranasinghe, H.M.M.S.D. Herath and R.U.K. Piyadasa. (2018). *Optimizing Salinized Paddy Lands: Implications for Future Population*. Annual Scientific Sessions 09th June 2018, Population Association of Sri Lanka.
 4. G. Ranasinghe, M.D.N.D. Perera, R.U.K. Piyadasa, and G.Y. Jayasinghe. (2017). *Risk of seawater intrusion on coastal community of Bentota River Basin Sri Lanka*. 7th International Conference on Building Resilience; Using scientific knowledge to inform policy and practice in disaster risk reduction, ICBR2017, 27–29 November 2017, Bangkok, Thailand. Book of Abstracts, pg 35, ISBN 9781862181533. (Abstract)
 5. D.N.D. Perera, G. Ranasinghe, R.U.K. Piyadasa, and G.Y. Jayasinghe. (2017). *Coastal Salinity Risk assessment in the Left Bank of the Bentota River Basin*. International Symposium on Agriculture and Environment ISAE, Faculty of Agriculture, University of Ruhuna, Sri Lanka 19th January 2017. Proceedings of student session., pg 36, ISSN 978-955-150725-1. (Abstract)
 6. Gayani Ranasinghe, Ranjana UK Piyadasa and M.D.N.D. Perera (2016). *Spatial Evaluation of Coastal Ground Water Quality in Southwest Coastal Region of Sri Lanka*. International workshop on Climate Change and Anthropogenic Activities. Department of Geography, University of Colombo in collaboration with the Island Research Center, China on 28th October 2016. (Extended Abstract)
 7. Gayani Ranasinghe, Ranjana UK Piyadasa. (2016). *Forecasting Temporal and Spatial Rainfall and Temperature Trends for Calculating Climate variables for Land suitability Evaluation*. 3rd International Conference on Social sciences, 30 September to 1 October 2016, University of Kelaniya, Sri Lanka. Vol3. Pg 211. (Abstract)
 8. R.U.K. Piyadasa and G. Ranasinghe. (2016). *Rainfall forecasting for*

- Identifying Future Flood Occurrences in Bentota River Basin*. 3rd International Conference on Multidisciplinary approaches, 12-14 October 2016, University of Sri Jayawardhanapura, Sri Lanka. Vol3.pg6.(Abstract)
9. M.D.N.D.Perera, G. Ranasinghe, R.U.K. Piyadasa, and G.Y.Jayasinghe.(2016). *Relationship between Coastal Salinity and Physico-Chemical Parameters of Water Resources in Bentota River Basin*. International Conference on Multidisciplinary approaches, 12-14 October 2016, University of Sri Jayawardhanapura, Sri Lanka. Vol3.pg 7. (Abstract)
 10. Ranjana UK Piyadasa, Gayani Ranasinghe and Samanmali Mataraarachchi (2016). *A study to identify the soil characteristics of wetlands in Colombo Sri Lanka*. 6th International Research Symposium on Engineering Advancements– 2016, (IRSEA 2016), Faculty of Engineering, South Asian Institute of Technology and Medicine (SAITM), 4 June 2016, Malabe, Sri Lanka. Vol 6,pg 16. (Paper)
 11. Gayani Ranasinghe, Susantha Amarawickrama, Rangajeewa Rathnayake, Thilini Randeniya and Senani Rathnasiri.(2015). *A Model for Assessing the Level of Walkability in Urban Neighborhoods in Sri Lanka*, 13th International Congress of Asian Planning Schools Association (APSA 2015) on 12th -14th August 2015 at The Convention Hall, B12, Faculty of Built Environment, Universiti Teknologi Malaysia, Johor Bahru. (Abstract)
 12. Gayani Ranasinghe, Susantha Amarawickrama, Rangajeewa Rathnayake, Thilini Randeniya and Senani Rathnasiri (2015), *A Study to Compare the Level of Walkability in Two Urban Neighborhoods in Sri Lanka*, 20th International Forestry and Environment Symposium, on 16th- 17th October 2015 .Department of forestry and Environmental science, university of Sri Jayawardhanapura, Nugegoda , Sri Lanka. (Abstract)
 13. Ranasinghe,T.K.G.P, Susantha, A.L. and Rathnasir,G.K.S.(2014).*Factors of the built environment that affects the walkability in a Sri Lankan urban Neighborhood*. 6th FARU international Research Symposium 22 December 2014. Galle, Sri Lanka (Abstract and Paper)
 14. Ranasinghe,T.K.G.P, Malani Herath and Lanka,W.M.J.(2014). *A study on the potentials of rainwater harvesting practices to mitigate urban floods*. 6th FARU international Research Symposium 22 December 2014. Galle, Sri Lanka. (Abstract and Paper)
 15. Ranasinghe,T.K.G.P, Susantha, A.L. and Randeniya,T.D.(2014).

Hedonic Analysis of impact values of housing attributes in Sri Lanka: A Case study from Maharagama. Wayaba University International Conference 2014. page 144. (Abstract and Paper)

16. Ranasinghe, T.K.G.P., Warusawitharane, E.J. and Mahanama, P.K.S. (2013). *Stakeholder Perception based Approach to Vulnerability assessment: Case of Rathnapura Municipal Council area.* 5th FARU international Research Symposium 14, 15 December 2013. Convention Hall, Hambanthota, Sri Lanka. (Abstract and Paper)
17. Ranasinghe, T.K.G.P., L. Nillegoda and P.K.S. Mahanama. (2013). *Identification of evaluating criteria for sustainable visitor management of National parks of Sri Lanka.* 5th FARU international Research Symposium 14, 15 December 2013. Convention Hall, Hambanthota, Sri Lanka. (Abstract and Paper)
18. Ranasinghe, T.K.G.P., L.P. Gangabada and P.K.S. Mahanama. (2013). *People's perception of revitalized public spaces: the case of independence square, Colombo, Sri Lanka.* 5th FARU international Research Symposium 14, 15 December 2013. Convention Hall, Hambanthota, Sri Lanka. (Abstract and Paper)
19. Ranasinghe, T.K.G.P. and De Silva, M, L., (2013). *An evaluation of the outcomes of the urban development plans with special reference to Moratuwa urban Development plan.* Proceeding of World Construction Symposium 2013: Socio-Economic Sustainability in Construction 13-15 June 2013. Department of Building Economics, University of Moratuwa. (Abstract and Paper)
20. Ranasinghe, T.K.G.P and Warusawitharane, E.J. (2012). *Use of Mathematical Modeling for Planning Municipal Solid Waste Collection.* 4th FARU International Research Symposium on Reflections of culture, technology and politics in space – 24th – 25th August 2012. Galle, Sri Lanka. (Abstract and Paper)
21. Gayani Ranasinghe and Emeshi Warusavitharana. (2011). *Application of Analytic Hierarchy Process (AHP) in prequalifying contractors in decision making.* Proceedings of the Annual Research Symposium 2011, page 135. Faculty of Graduate Studies, University of Kelaniya, page 135. (Abstract)
22. Ranasinghe, T.K.G.P and Mahanama, P.K.S, (2008). *Application of e-governance to ensure good governance in Sri Lankan Context with reference to Building Application Approving Procedure.* 2nd FARU International Research Symposium 17th November 2008. Page 32. Colombo, Sri Lanka. (Abstract)

5. Awards & Achievements

1. Outstanding Research Performance Awards 2020, at University of Moratuwa, Sri Lanka.
2. Outstanding Research Performance Awards with Distinction 2019, at University of Moratuwa, Sri Lanka on 17th December 2020.
3. Outstanding Research Performance Awards with Distinction 2018, at University of Moratuwa, Sri Lanka on 27th December 2019.
4. Outstanding Research Performance Awards 2017, at University of Moratuwa, Sri Lanka on 28th December 2018.
5. Outstanding Research Performance Awards 2016, at University of Moratuwa, Sri Lanka on 29th December 2017.
6. Outstanding Research Performance Awards 2015, at University of Moratuwa, Sri Lanka on 18th November 2016.
7. Sessions Best Presentation Award for the research title on Optimizing Salinized Lands for Coastal Community of Bentota Area, Sri Lanka. 5th International Conference on Arts and Humanities – ICOAH 2018. 27th – 28th September 2018, Colombo, Sri Lanka.
8. Seven Deans lists Awards during Year 2004, 2005, 2006 and 2008.
9. Awarded as the Best Portfolio of the course in year 2014 at the Staff Development Programme for Probationary Lecturers at Staff Development Centre, University of Kelaniya, Sri Lanka.

6. Professional Memberships

- Corporate Member Institute of Town Planners, Sri Lanka (ITPSL) M 267
- Member (9103/C) -Sri Lanka Association for the Advancement of Science (SAAS)- from 26.08.2011
- Member NSF/STMIS/07/7239- National Science Foundation from 12 Dec 2014.

Professional Training

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| <p>6.1. <i>Diploma course & CPD programmes</i></p> | <ol style="list-style-type: none"> 1. Institute of Town Planners Sri Lanka Annual Symposium - 2021/22 "Facing the Future with Confidence" 20th February 2022. 2. CPD programme on Planning Regulations and its Implications for City Inclusion organized by the CURP of ITPS on 28th November 2021. 3. CPD programme on Latest Applications of Arc GIS. 20th July 2019 at CHPB Auditorium, Pelawatta organized by ITPSL, SL 4. CPD on "Planning for the New Normal- Learning from other perspectives" Webinar- May 24, 2020 with international panelists, organized by ITPSL, SL |
| <p>6.2. <i>Certificate Courses</i></p> | <ol style="list-style-type: none"> 1. Certificate of Teaching in Higher Education of the Staff Development Center, University of Kelaniya, Sri Lanka
Duration: 1 year/ part-time, 2014 2. Part III course of the Institute of Town Planners Sri Lanka – Professional Examination, 2010. Institute of Town Planners Sri Lanka, Duration: 1 year/ part-time, 2010 3. Followed a Certificate Training programme on Arc GIS 10.3 at GIS |

Solutions Pvt Ltd at Colombo 03, Sri Lanka from 15th -19th February 2016

4. Followed a Certificate Course on Statistical Packages for Data Analysis (Using Minitab and SPSS) at the Institute of Applied Statistics, Sri Lanka, February 2013- 03 Months

6.3.Training Programmes

1. Online Short Course on R for Data science (R programming) organized by Stac Centre on 14th to 25th February 2022.
2. Online Short Course on PCA and Factor Analysis (using SPSS) organized by Stac Centre on 09th January 2022.
3. Online Short Course on Regression Analysis (using SPSS) organized by Stac Centre on 04th and 5th December 2021.
4. Online Training program for university academic staff on "Insight into Green building practices & sustainable Development" 27th May 2020 from 10.00 a.m -3pm.
5. Training programme on R statistical methods under HETC project, University of Kelaniya, 29,30 September and 1 October 2013.
6. Landscape and Ecosystems Approach Training programme of the operational Phase of the GEF Small Grants Programme in Sri Lanka on 5th and 6th December 2017 at Renuka City Hotel, Colombo 03, Sri Lanka conducted by Dr Judy Fisher, Director, Fisher Research Pty Ltd. Australia.
7. Training programme on "Recent Advancement of Stable Isotopes Applications in Hydrology/hydrogeology, Environment and Earth process" by LWIA PICARRO" at Jawaharlal Nehru University, New Delhi, India during the period of 12th June to 15th June 2016.
8. Training programme on Management of Land Acquisition Rehabilitation and Regeneration conducted by World Bank and UOM on 15,16,17 July, 2013.

6.4. Workshops

1. Work in organizing committee for arranging logistics for the FOSS4G Asia 2018 conference (open source for sustainable development) jointly organized by Department of Town and Country Planning, University of Moratuwa, Sri Lanka and OSGeo Sri Lanka on December 2nd -5th 2018.
2. Workshop on LAS tools LIDAR processing tool box in QGIS at FOSS4G Asia 2018 conference (open source for sustainable development) jointly organized by Department of Town and Country Planning, University of Moratuwa, Sri Lanka and OSGeo Sri Lanka on December 2nd -5th 2018.
3. Workshop on Land use change modeling using cellular automata based SLEUTH at FOSS4G Asia 2018 conference (open source for sustainable development) jointly organized by Department of Town and Country Planning, University of Moratuwa, Sri Lanka and OSGeo Sri Lanka on December 2nd -5th 2018.
4. Workshop on Finalization of the National work Plan of the South Asia Environmental Capacity Building- Agricultural and Water Pollution Project, Arthacharya Foundation Sri Lanka on 9th March 2018 at Renuka City hotel, Colombo 03.
5. Workshop on the ADB City Cluster Economic Development Regional Workshop on 20, March 2013

6.5. Conferences and Webinar

1. Webinar Confronting Urban Food Waste through Critical Design and Public Pedagogy 2nd June 2020, HIS, Institute for housing and Urban Development Studies of Erasmus University Rotterdam.
2. Webinar Enabling Street Vending through Technology 10th June 2020, HIS, Institute for housing and Urban Development Studies of Erasmus University Rotterdam.
3. The First Annual Research Symposium of the Faculty of Technology 11th, December 2017 at the Auditorium of the (Former) Faculty of Graduate Studies, University of Colombo
4. Indo-Sri Lanka joint research programme-first symposium organized by ministry of science technology and research Sri Lanka on 29-31 May 2017 at Waters Edge, Battaramulla, Sri Lanka.
5. Participated to the Conference on Build, Live Green “Value creation through greening’ organized by the institute of Town Planners Sri Lanka and green building council in Sri Lanka on 25th January 2014 at BMICH Colombo

7. Project in Collaboration with national/International Institutions (Consultancy)

Project Consultant

From: August 2013 to December 2014

Project: Disaster Resilient City development strategies for Sri Lankan Cities (Vavuniya Urban council, Mulative Urban Council, Manner Urban Council, Akkaraipattu Urban Council) and preparation of Community based disaster management plan

Client: UNHABITAT, Sri Lanka

Employer: Project Consultancy Unit, Faculty of Architecture, University of Moratuwa

Project Description: Vulnerability and Disaster risk Assessments and Preparation of Disaster risk reduction and preparedness Plan

Responsibilities: Preparing project proposal, work plan, coordinate with client, field trips, interviews, data collection, developing methodologies, data analysis and application quantitative techniques, prepare project reports, conduct and organize work shop

Survey Coordinator

From: March 2012 to August 2012

Project: Preparation of Tourism Development and Livelihood Improvement Plan for Hamilton Canal and its environs

Client: Ministry of Economic, Sri Lanka

Employer: Department of Town and Country Planning, University of Moratuwa

Project Description: Preparation of survey Reports and Tourism Development and Livelihood Improvement Plan

Responsibilities: coordinate field trips, questionnaires Surveys, data analysis

Project Coordinator

From: October 2012 to February 2013

Project: Preparation of Drainage Master Plan and database for Rathnapura Municipal Council area

Client: UNHABITAT, Sri Lanka

Employer: Project Consultancy Unit, Faculty of Architecture, University of Moratuwa

Responsibilities: Preparing project proposal, work plan, coordinate with client, field trips, drainage surveys, data collection and prepare data base and master plan

Project Coordinator

From: March 2012 to June 2013

Project: Disaster Resilient City development strategies for Sri Lankan Cities (Balangoda Urban council, Rathnapura Municipal Council, Kalmunai Municipal Council, Batticaloa Municipal Council) and preparation of Community based disaster management plan

Client: UNHABITAT, Sri Lanka

Employer: Project Consultancy Unit, Faculty of Architecture, University of Moratuwa

Project Description: Prepare Reports on Vulnerability and Disaster risk Assessments and Preparation of Disaster risk reduction and Preparedness Plan

Responsibilities: Preparing project proposal, work plan, coordinate with client, field trips, interviews, data collection, data analysis, prepare project reports, conduct work shops

Project Appraisal Specialist

From: May 2012 to June 2012

Project: Financial Feasibility Assessment for proposed one stop shop at Peliyagoda

Client: Sri Lanka State Engineering Cooperation

Employer: Project Consultancy Unit, Faculty of Architecture, University of Moratuwa

Project Description: Preparation of Financial Feasibility Report

Responsibilities: Data collection, cost estimating, application project appraisal methods

Project Coordinator

From: January 2009 to November 2009

Project: Institutionalizing Training Programme for the Preparation of Consolidated Guidance Manual

Client: UNHABITAT

Employer: Project Consultancy Unit, Faculty of Architecture, University of Moratuwa

Project Description: Prepare Consolidated Guidance Manuals on Good Governance, Participatory planning and Local Leadership

Responsibilities: Preparing project proposal, work plan, coordinate with client, field trips, interviews, data collection, analyze, prepare project reports, conduct and organize work shop, Writing Manuals, translating and overall project coordinating

Project Assistant

From: November 2008 to December 2009

Project: Support to implementation of the Sri Lankan urbanization Framework based on Greater Dambulla Development Project

Client: United Nation Development Programme (UNDP)

Employer: Department of Town & Country Planning, University of Moratuwa

Project Description: Formulate integrated, resource sharing good governance based approach to implement Greater Dambulla Development Project

Responsibilities: Prepare project proposal, work plan, organizing work shop, field trips, interviews, data collection, analyze, and prepare project reports

Project Assistant

From: January 2009 to April 2009

Project: Bolgoda Tourism Development Project

Client: Western Provincial Council

Employer: Department of Town & country Planning, University of Moratuwa

Project Description: Formulate Tourism based Development project for Bolgoda River Basin area

Responsibilities: Preparing project report relevant to Project Appraisal

Project Assistant

From August 2008 to December 2008

Project: Developing a web site for Moratuwa Municipal Council

Client: Moratuwa Municipal Council

Employer: Department of Town & country Planning, University of Moratuwa

Project Description: Collect information in all aspects and develop a web site

Responsibilities: Gather and formatting all the data and information, Develop Web site

Project Assistant

From July 2009 to December 2009

Project: Integrated Participatory Village Level Development Plan in Eastern Province

Client: Eastern Provincial Council

Employer: The Asia Foundation

Project Description: Formulate Local Development Plan for Municipalities in Eastern Province with participatory approach

Responsibilities: Organize Project Plan, Conduct Workshops, Preparing Project Reports

Project Assistant

From April 2008 to December 2008

Project Preparation of Environment Impact Assessment Report and Master Plan for Enderamulla Township Development in Mahara area

Client: Urban Development Authority

Employer: Department of Town & Country Planning, University of Moratuwa

Project Description: Preparation of Environment Impact Assessment Report

Responsibilities: collecting information, data analysis, field survey and report writing

Project Assistant

From April 2008 to July 2008

Project: Transparency and Accountability for Local Governance

Client: Local Government Authority

Employer: The Asia Foundation

Project Description: Formulate Development Plan to enhance good governance

Responsibilities: Conduct Workshops, Analyzing Data, Preparing Project Reports.

Project Assistant

From April 2008 to July 2008

Project: Local Economic Governance Project

Client: Local Government Authority

Employer: The Asia Foundation

Project Description: Formulate Web Site for Uva Province with integrating web sites of all municipalities

Responsibilities: Coordinate with Local Authorities, Preparing format of the web site, Gathering Data, Preparing Project Reports.

8. Administrative Activities within the University of Moratuwa

1. Undergraduate Coordinator, Department of Town & Country Planning 2018-2020
2. A member of Faculty Academic Committee, Faculty of Architecture
3. Curriculum Revision Coordinator Department of Town & Country Planning for years 2015 and 2019-2020
4. Year Coordinator: Level 1 – 2014
5. Year Coordinator: Level 2 – 2013
6. Year Coordinator: Level 2 – 2012
7. Year Coordinator: Level 2 – 2011

9. School Level Achievements

Government Examinations

- GCE Advanced level with one 'A' (Combined Mathematics) & two 'B' s (Physics & Chemistry) in Physical Science Stream (Dharmasoka College, Ambalangoda)
- GCE Ordinary Level with 6 Distinctions and 2 Credit passes
- Grade Five Scholarship with obtaining 157 marks (Gamini National College , Bentota)
- Successfully completed the Daham Pasal (Dhamma Schools) Final Certificate Examination in 1999 with 4 Distinctions

Victories

- Completed the Draughtmanship Course apprehended by German Technical College, Rathmalana in 2007/2008
- Successfully completed the Diploma in Computer Studies with Distinction pass at London Academy (Pvt) in Bentota
- Participated in International competitions for schools Mathematics detained by Educational Testing Center ,The University of New South Wales in 1998
- Won the Second & First places in the Daham Danuma Competitions held by Buddhist Association in Galle District in 1995-1998
- First place in the Debate competition held by Shasana Arakshaka Board Galle in 1997.
- Won subject prizes for Dancing in 3 times from Grade 8 to 10 at Annual Prize giving ceremony held by Dharmashoka College in Ambalangoda



T.K.G.P. Ranasinghe

Date: 2022/02/25