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**Educational Qualifications:**

- PhD. - University of Peradeniya, Sri Lanka, 2018
- M.Eng. - Nagoya University, Japan, 2003, Transportation Engineering
- B.Sc.Eng. - University of Peradeniya, Sri Lanka, 1994, Civil Engineering

**Professional Qualifications:**

- Associate Member of Institute of Engineers Sri Lanka

**Research Interests:**

- Assessment of employability skills of engineering graduates
- Effectiveness of industrial training for development of employability skills of engineering undergraduates
- Performance analysis of roundabouts as an alternative for intersection controls

**Appointments (Selected):**

- 2018 March – To date: Senior Lecturer, Industrial Training and Career Guidance Unit, Faculty of Engineering, University of Peradeniya, Sri Lanka.
- 2011 May – 2018 February: Lecturer, Industrial Training and Career Guidance Unit, Faculty of Engineering, University of Peradeniya, Sri Lanka..
- 2004 September – 2011 April: Temporary Lecturer, Department of Civil Engineering, Faculty of Engineering, University of Peradeniya, Sri Lanka.
- 1996 June – 1998 May: Programme Assistant, Continuing Education Center, Asian Institute of Technology, Thailand

- 1995 August – 1996 May: Research Assistant, Department of Geotechnical Engineering, Asian Institute of Technology, Thailand
- 1994 August – 1995 July: Civil Engineer, Maintenance Division, University of Peradeniya.

## **Publications:**

### **Journals**

- 1) **M. M. G. V Shyamalee**, K. S. Walgama, W. M. V. S. K. Wickramasinghe, S. Dissanayake (2017), “Influence of Sample Sizes in Extraction of Employability Skills of Engineering Graduates using Factor Analysis” , *International Journal of Information and Education Technology*, 2017 Vol. 7, No. 11, pp. 830-836.
- 2) **Shyamalee, M. M. G. V.**, Wickramasinghe, W. M. V. S. K., Dissanayake, S., (2013), “Comparative Study on Employability Skills of Engineering Graduates of Different Disciplines”, *International Journal of Education and Information Technologies*, Issue 4, Volume 7, 2013 , pp. 170-177.
- 3) **M. M. G. V. Shyamalee**, C. K. Pathirana, H. Abeyruwan and K.R.B. Herath (2008), “Behaviour of a weir under earthquake loading” *Structural Engineering and Mechanics*, Vol. 30, No.1 (2008).
- 4) **Shyamalee Manage**, Hideki Nakamura and Koji Suzuki (2003), “Performance analysis of roundabouts as an alternative for intersection control in Japan”, *The journal of Eastern Asia Society of Transportation Studies*, Vol. 5, October 2003. Fukuoka, Japan.

### **Conferences**

- 1) **W. Illangasinghe**, C. K. Pathirana, M. M. G. V. Shyamalee(2019), “Challenges Faced in Construction of Weir across the Mahaweli River at Meewathura” , *Proceedings of the Advances in Concrete Technology, Structural Engineering and Design (ACTSED)*, Dedicated to Mr. Helarisi Abeyruwan”, University of Peradeniya, Sri Lanka, August 13, 2019, pp. 203-212.
- 2) **M. M. G. V Shyamalee**, K. S. Walgama, (2015), “Effects of Sample Size in Prediction of Expected Employability Skills of Engineering Graduates” , *Proceedings of the Peradeniya University International Research Sessions*, Sri Lanka, 2012 Vol. November 5-6, 2015, pp. 115.
- 3) **Shyamalee, M. M. G. V.**, Wickramasinghe, W. M. V. S. K., Dissanayake, S., (2013), “Employer Perception on Employability Skills required for Entry Level Engineering Graduates ”, *Proceedings of the Association of Southeast Asian Institutions of Higher Learning (ASAIHL)*, Colombo, Sri Lanka, December 5-7, 2013 pp. 88.
- 4) **Shyamalee, M. M. G. V.**, Wickramasinghe, W. M. V. S. K., Dissanayake, S., (2013), “Employability Skills Expected from Fresh Civil Engineering Graduates”, *Proceedings of the 9<sup>th</sup> International Conference on Educational Technologies (EDUTE '13)*, Kuala Lumpur, Malaysia, April 2-4, 2013 , pp. 54-59.

- 5) **Shyamalee, M. M. G. V.**, Wickramasinghe, W. M. V. S. K., Dissanayake, S., (2012), "Ranking of Employability Skills of Fresh Civil Engineering Graduates", *Peradeniya University Research Sessions*, Sri Lanka, 2012 Vol. 17, pp. 43.
- 6) **C. K. Pathirana**, M.M.G.V. Shyamalee, K.R.B. Herath and H. Abeyruwan (2008), "Significance of dynamic analysis of mass concrete weir for moderate seismic loading" *Proceedings of the international conference on "Advances in Continuum Mechanics, Materials Science Nanoscience and Nanotechnology*. Dedicated to Professor Munidasa P. Ranaweera", University of Peradeniya, Sri Lanka, September 26-27, 2008.
- 7) **M. M. G. V. Shyamalee**, C. K. Pathirana, H. Abeyruwan and K. R. B. Herath (2007), "Earthquake effect on a weir", *Proceedings of the 63<sup>rd</sup> Annual Session of Sri Lanka Association for the Advancement of Science*, 2007, Open University of Sri Lanka, Sri Lanka.
- 8) **M. M. G. V. Shyamalee**, C. K. Pathirana, H. Abeyruwan and K. R. B. Herath (2007), "Initiation of Thermal Cracks in a weir" *Proceedings of the Peradeniya University Research Sessions*, PURSE 2007, Faculty of Engineering University of Peradeniya, Sri Lanka.
- 9) **M. M. G. V. Shyamalee**, C. K. Pathirana and K. R. B. Herath (2007), "Analysis of a weir for an earthquake loading" *Proceedings of the International Conference on Mitigation of the Risk of Natural Hazards*, March 2007, Faculty of Engineering University of Peradeniya, Sri Lanka.
- 10) **Shyamalee Manage**, Koji Suzuki and Hideki Nakamura (2003), "An investigation on performance of roundabout control based on Traffic Characteristic Analysis." *Proceeding of Infrastructure Planning and Management*, JSCE, Vol. 28. 2003 November.