



Mr. Deshan Perera

Research Scientist  
Marketing and Business Development

### Qualifications

- **B.Sc. Hon. (Special)** - (Uva Wellassa University of Sri Lanka, 2015) - Second class upper

### Contacts

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### Specialized Fields

- Particulate matter monitoring (PM<sub>10</sub>, PM<sub>2.5</sub>)
- Fugitive dust measurement (TSPM, FDM)
- Indoor air quality monitoring (PM<sub>10</sub>, PM<sub>2.5</sub>)
- Hi-volume sampling and gravimetry
- Ambient air quality monitoring
- Quality Management Systems (QMS)
- Digital Photography
- AI image generating (Midjourney)
- Biotechnology basics
- PCR & DNA Extraction
- Fiber Composition analysis in textile materials

### Interest Areas

- Ambient air quality
- Particulate Matter (PM<sub>10</sub>, PM<sub>2.5</sub>,)
- Personal exposure monitoring
- Indoor air quality
- Air quality monitoring using Arduino
- Particulate Matter researches
- Photography/Videography
- Marketing and management
- AI image generating (Midjourney)

<p><b>Publications</b></p>	<ul style="list-style-type: none"> <li>• <b>D.R.C. Perera</b>, P.A.D.H.N. Gunathilaka, W.W.P. Rodrigo, A.M.M.H. Athapaththu, P.B.A.I.K. Bulumulla, 2016, "DNA fingerprinting of <i>Thunnus obesus</i> and <i>Thunnus albacares</i> fish species for proper identification in large scale fish processing industry". 6<sup>th</sup> Research Symposium of <i>Uva Wellassa University of Sri Lanka</i>, 07.</li> <li>• <b>D.R.C. Perera</b>, P.A.D.H.N. Gunathilaka, W.W.P. Rodrigo, A.M.M.H. Athapaththu, H.H.K. Achala, 2015, "Development of a molecular assay to differentiate Yellow fin tuna (<i>Thunnus albacares</i>) from other tuna species commonly found in Sri Lanka". 2<sup>nd</sup> Biennial Research Symposium, <i>Industrial Technology Institute</i>, 34.</li> <li>• <b>D.R.C. Perera</b>, W.W.P. Rodrigo, A.M.M.H. Athapaththu, P.A.D.H.N. Gunathilaka, 2016, "Establishment of a molecular based method for the identification of Skipjack tuna (<i>Katsuwonus pelamis</i>) in large scale fish processing industry". 1<sup>st</sup> International Conference on Bioscience and Bioechnology, Colombo, Sri Lanka, 11.</li> <li>• <b>D.R.C. Perera</b>, K.S Weerakkody, 2019, "Comparison of Total Suspended Particulate Matter (TSPM) concentrations of different industries in Sri Lanka". 4<sup>th</sup> Biennial Research Symposium, <i>Industrial Technology Institute</i>, Sri Lanka, 38.</li> <li>• <b>D.R.C. Perera</b>, K.S Weerakkody, 2021, "Variation of Particulate Matter (PM): Rehabilitation/improvements to B 157 road, section from Mathugama up to Welipenna interchange". 5<sup>th</sup> Biennial Research Symposium, <i>Industrial Technology Institute</i>, Sri Lanka, 24.</li> </ul>
<p><b>Awards, memberships, Scholarships &amp; Recognition</b></p>	<ul style="list-style-type: none"> <li>• Best Oral Presenter of 2<sup>nd</sup> Biennial Research Symposium, <i>Industrial Technology Institute</i>, 2015.</li> <li>• Best Oral Presenter of Generics and Biotechnology session at 6<sup>th</sup> Research Symposium, <i>Uva Wellassa University</i>, 2016.</li> <li>• First place "Expose 2012" Photography competition organized by <i>Uva Wellassa University</i>, 2012.</li> </ul> <p><b>Memberships</b></p> <ul style="list-style-type: none"> <li>• A member of the Sri Lanka Association for the Advancement of Science (SLAAS), Sri Lanka - Year of obtained 2019.</li> </ul>
<p><b>Other qualifications and trainings</b></p>	<ul style="list-style-type: none"> <li>• Certificate course in Gene Technology (Genetech school of gene technology, 2010)</li> <li>• Certificate course in Human Resources Management (Chartered Institute of Personnel Management Sri Lanka (CIPM), 2015)</li> <li>• Application training on Isokinetic Sampling Methods for Stationary Source Emissions (Apex Instruments, 2018)</li> <li>• Trained on Noise &amp; Ambient Air Quality Management (National Engineering Research and Development Centre (NERD), Sri Lanka, 2018)</li> <li>• Environmental Pollution and Remedial Measures (Institute of Chemistry Ceylon, Sri Lanka, 2019)</li> <li>• Air Quality Management Through Industrial Emission Monitoring &amp; Controlling for Green Environment (<i>Industrial Technology Institute</i>, 2019)</li> <li>• Air Quality Management and Adverse Results of Photochemical Pollution (Green Building Council of Sri Lanka, 2020)</li> <li>• ISO 14001:2015 Standard and Implementation of Environmental Management Systems (Sri Lanka Standards Institution, 2019)</li> <li>• Basic Digital Photography Certificate Course – (Nikon School, 2022)</li> <li>• General Training on Laboratory Quality Management system to ISO/IEC 17025:2017 (<i>Industrial Technology Institute</i>, 2022)</li> </ul>