

BRIEF CV OF Thotagamuwe Widanage Nipuni Kasunika Perera (T.W.N.K. Perera)

Position: Lecturer in Microbiology, Department of Microbiology, Faculty of Science, University of Kelaniya, Sri Lanka.

Academic Qualifications:

- M.Phil. in Microbiology, University of Kelaniya, Sri Lanka.
Research: Biodeterioration of Low-Density Polyethylene by Endolichenic Fungi (ELF).
- B.Sc. (Special) Degree in Microbiology with First Class Honours, University of Kelaniya, Sri Lanka.

Research Interests:

- Application of endolichenic fungi in polyethylene biodeterioration.
- Enumeration, isolation, identification, and application of bacteria and fungi in urban waste dumping sites.
- Use of bacteria in insecticide degradation.
- Use of food-graded microorganisms in food preservation processes.

Publications and Presentations:

- Authored multiple peer-reviewed journal articles and conference papers on topics such as the biodeterioration of low-density polyethylene by endolichenic fungi, microbial fermentation of cassava, and bioremediation by bacteria.
- Recognized for high-quality research with University Senate Honours and a cash prizes.

Awards and Distinctions:

- Two Gold Medals at the 103rd Convocation of the University of Kelaniya.
- Multiple academic awards including being listed on the Dean's List for three consecutive year

Professional Activities:

- Reviewer in international journals and conferences.
- Active participant in academic workshops and conferences.
- Member of professional societies such as the Sri Lanka Association for the Advancement of Science (SLAAS).

Contact Information:

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