



Seminars 2021

Cycle of seminars: Biological Solutions for Solid Waste and Wastewater Treatment in Developing Countries

UniBS – Visiting Professor Program



Prof. Dr. Puhuwella Gamacharige Rathnasiri

Chemical and Process Engineer
University of Moratuwa – Sri Lanka

Day		Topic
Wednesday, 12 May	9:30-12:30 «Online»	- Anaerobic digestion technology applications for solid wastes and wastewater treatment in developing countries
Wednesday, 19 May	9:30-12:30 «Online»	- Implementation of solid waste management technology at local municipalities. Challenges and opportunities
Wednesday, 26 May	9:30-12:30 «Online»	- Introduction to bioprocess modelling and simulation. Modelling and simulation of anaerobic pilot plant treating food wastes.
Tuesday, 01 June	14:30-16:30 «Online»	- Introduction to research methodologies

Brief presentation of prof Dr Puhuwella Gamacharige Rathnasiri

Engineer Puhuwella Gamacharige Rathnasiri is a Professor at the University of Moratuwa, Dept. of Chemical and Process Engineering.

Dr. Rathnasiri holds a Ph.D. Degree from the Norwegian University of Science and Technology (NTNU), Norway, and M.Sc. From the University of Manchester Institute of Science and Technology, England. Also, having his B.Sc. From the University of Moratuwa, Sri Lanka.

As a registered and professional scholar, he has worked as a consultant for many important projects of municipal solid waste and wastewater treatment plants in Sri Lanka and has collaborated with many local and international projects.

He is the author of the book Chapter 15 on Perspectives of Microbial Fuels for Low – Income and Emerging Countries: Biogas Production in the book Microbial Fuels, Technologies, and Applications. He has shown many outstanding performances in his research career, he received an award from the NRC Merit Award for scientific publication 2014 in the International Journal of Hydrogen Energy. He was given an award of excellence in recognition of the Outstanding Research Performances at the University of Moratuwa Sri Lanka in 2015. Also, he was awarded the E O E PEREIRA award 2018 for the best technical paper presented at IESL annual session.

Seminars are free of charge, but the **attendance has to be confirmed** sending an email to cetamb@unibs.it

All the seminars will be in Virtual plat form