



Asia-Pacific Conference on Biotechnology for Waste Conversion (BioWC2016)

Workshop on Anaerobic Digestion and Plant Operations

1. Aim of the workshop:

The workshop will provide the insightful and useful information about the anaerobic digestion and plant operations. Topics covers four main fields: Fundamentals of Anaerobic Treatment; Operation of High Solids Anaerobic Digesters; Management of Anaerobic Digestion Products and Byproducts; and Case Studies of Anaerobic Digestion of High Solids Feedstocks. This workshop is designed to enlighten the participants on the available strategies and technologies for anaerobic digestion and plant operations.

2. Programme Rundown

Date: 8th December 2016, Thursday

Time: 08:50 am - 18:00 pm

Venue: Hong Kong Baptist University

Workshop Fee: USD200

Speakers: Dr. Pratap Pullammanappallil

Associate Professor

Agricultural and Biological Engineering

University of Florida

Biography: Dr. Pratap Pullammanappallil is an Associate Professor in the Department of Agricultural and Biological Engineering at the University of Florida in Gainesville, Fl. His expertise is in the areas of bioprocess design, modeling and optimization for production of biofuels, and management of organic wastes and wastewater. Over the years he has acquired extensive experience in anaerobic digestion plant design, implementation, construction and operation, and the management of these projects from design to operation. Experience includes scale up from bench scale apparatuses to pilot and commercial scale systems, preparation of design documents, process flow diagrams, P&IDs, plant layout diagrams, and equipment list and suppliers. He has worked feedstocks like sugarbeets and its processing residues (tailings, spent pulp and molasses), food waste, dairy manure, organic fraction of municipal solid waste, brewery wastewater and sewage sludge.



Workshop on Anaerobic Digestion and Plant Operations	
Session	Programme Speaker
8:50-9:00	Welcome and Opening Address
9:00-10:15	Fundamentals of Anaerobic Treatment
10:15-10:30	Open Discussion and Questions
10:30-10:45	Coffee Break
10:45-12:30	Operation of High Solids Anaerobic Digesters
12:30-13:00	Open Discussion and Questions
13:00-14:00	Lunch Break
14:00-15:30	Management of Anaerobic Digestion Products and Byproducts
15:30-15:45	Open Discussion and Questions
15:45-16:00	Coffee Break
16:00-17:30	Case Studies of Anaerobic Digestion of High Solids Feedstocks
17:30-17:50	Open Discussion and Questions
17:50-18:00	Closing Remarks

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