GENERAL ABBREVIATIONS

ACoD   Anaerobic Co-Digestion

AD   Anaerobic Digestion

ANFIS   Adaptive Neuro-Fuzzy Inference System

ANN   Artificial Neural Network

ASP   Activated Sludge Process

C/N   Carbon -Nitrogen ratio

CH_4 Methane

COD   Chemical Oxygen Demand

CPCB   Central Pollution Control Board

CSTR   Continuous Stir Tank Reactor

FFNN   Feed Forward Neural Network

MLD   Million Litre per Day

MoEFCC   Ministry of Environment, Forest and Climate Change

MSW   Municipal Solid Waste

OFMSW   Organic Fraction of Municipal Solid Waste

OLR   Organic Loading rate

PSO   Particle Swarm Optimization

SBR   Sequential Batch Reactor

SEM   Scanning Electron Microscopy

SST   Secondary Settling Tank

TKN   Total kjeldah Nitrogen

TOC   Total Organic Carbon

TS	Total Solids
UASB	Up-flow Anaerobic Sludge Blanket
ULBs	Urban Local Bodies
VFA	Volatile Fatty Acids
VS	Volatile Solids
WAS	Waste Activated Sludge