

LIST OF ABBREVIATION

GSM	Global System for Mobile
pH	Potential of Hydrogen
RF	Radio Frequency
H_N	Null Hypothesis
H_A	Alternate Hypothesis
LCD	Liquid Crystal Display
C-DAC	Centre for Development of Advanced Computing
GUI	Graphical User Interface
CMS	Central Monitoring Station
GPRS	General Packet Radio Service
GPS	Global Positioning System
WSN	Wireless Sensor Network
EMI	Electromagnetic Induction
TDR	Time Domain Reflectometry
RTOS	Real Time Operating System
IDE	Integrated Development Environment
VWC	Volumetric Water Content
FDR	Frequency Domain Reflectometry
PCB	Printed Circuit Board
IC	Integrated Circuits
ADC	Analog to Digital Convertor
DAC	Digital to Analog Convertor