

Acronyms

GTAC-	Guwahati Tea Auction Centre
VAT-	Value Added Tax
CTC-	Crush, Tear and Curl
BLC-	Boruah Leaf Conditioner
BOP-	Broken Orange Pekoe
BP-	Broken Pekoe
BPS-	Broken Pekoe Souchang
OF-	Orange Fannings
PF-	Pekoe Fannings
PF1-	Pekoe Fannings One
PD-	Pekoe Dust
D-	Dust
CD-	Churamoni Dust
PD1-	Pekoe Dust one
D1-	Dust one
RD-	Red Dust
FD-	Fine Dust
TF-	Theaflavins
TR-	Thearubigins
R/H, RH-	Relative Humidity
HPLC-	High Performance Liquid Chromatography
CIE-	Commision Internationale de l'eclairage
UV-	Ultra Violet
STIM-	Smart Transducer Interface Module

IEEE-	Institute of Electrical and Electronics Engineers
TEDS-	Transducer Electronic Data Sheets
ICN-	Industrial Communication Networks
LAN-	Local Area Network
HART-	Highway Addressable Remote Transducer
FSK-	Frequency Shift Keying
EIA-	Electronics Industries Association
NIST-	National Institute of Standards and Technology
ANN-	Artificial Neural Network
BP-MLP-	Back-Propagation Multilayer Perceptron
RBF-	Radial Basis Function
PNN-	Probabilistic Neural Network
LVQ-	Learning Vector Quantization
CPNN-	Constructive Probabilistic Neural Network
FNN-	Fuzzy Neural Network
SVM-	Support Vector Machine
QCM-	Quartz Crystal Microbalance
OLR-	Overall Liquor Rating
MLR-	Multivariate Linear Regression
PCA-	Principal Component Analysis
NI-	National Instruments
ANSI-	American National Standards Institute
IC-	Integrated Circuits
LASER-	Light Amplification by Stimulated Emission of Radiation
ROM-	Read Only Memory

RAM-	Random Access Memory
EEPROM-	Electrically Erasable Programmable Read-Only Memory
ADC-	Analog to Digital Converter
A/D-	Analog to Digital
USART-	Universal Synchronous/Asynchronous Receiver/Transmitter
I/O-	Input/output
AC-	Alternating Current
DMM-	Digital Multimeter
IDE-	Integrated Development Environment
COM port-	Communication port
HDD-	Hard Disk Drive
mV-	milli Volt
mA-	milli Ampere
LDA-	Linear Discriminate Analysis
MRA-	Multiple Regression Analysis
RMSE-	Root Mean Square Error
LMS-	Least Mean Square
ISE-	Intelligent Systems Engineering
NCV-ANN-	Non Cross Validation Artificial Neural Network
TFCV-ANN-	Tenfold Cross Validation Artificial Neural Network