

LIST OF ABBREVIATIONS

AQI	Air Quality Index
AAQMS	Ambient Air Quality Monitoring Station
ANN	Artificial Neural Network
P	Atmospheric Pressure
CO	Carbon Monoxide
CPCB	Central Pollution Control Board
CA	Clean Air
a,b	Co-efficients of Straight Line Fit of the Predicted Values of Test Set
E	East
ENE	East North East
ESE	East South East
FB	Fractional Bias
HAP	Heavy Air Pollution
HC	Hydro Carbon
d	Index of Agreement
LAP	Light Air Pollution
MATLAB	Matrix Laboratory
O_{max}	Maximum Concentration of the Data Series
O	Mean Observed Concentration
P	Mean Predicted Concentration
MAP	Medium Air Pollution
O_{min}	Minimum Concentration of the Data Series
NEDA	N-(Naphthyl) - Ethylenediamine Dihydrochloride

NO ₂	Nitrogen Dioxide
N _j	Normalized Concentration of the Observed Data Series
N	North
NE	North East
NNE	North North East
NNW	North North West
NW	North West
O _j	Observed Concentration of the Data Series
NO _x	Oxides of Nitrogen
O ₃	Ozone
PM _{2.5}	Particulate Matter less 2.5mm
PM ₁₀	Particulate Matter less than 10mm
P _j	Predicted Concentration of the data series
R ²	Regression Co-efficient
RH	Relative Humidity, %
SAP	Severe Air Pollution
S	South
SE	South East
SSE	South South East
SSW	South South West
SW	South West
σ _o	Standard Deviation of the Observed Concentration of the Test Set
σ _p	Standard Deviation of the Predicted Concentration of the Test Set

SO ₂	Sulphur Dioxide
SPM	Suspended Particulate Matter
UAQMS	Urban Air Quality Monitoring Station
W	West
WNW	West North West
WSW	West South West
WV	Wind Velocity, km/h
WHO	World Health Organization

