List of Abbreviations

Abbreviation	Full form
AR	Autoregressive
MA	Moving Average
ARMA	Autoregressive and Mooving Average
ARIMA	Autoregressive Integrated Mooving Average
ANN	Artificial Neural Networks
KNN	K-nearest Neighbour
SVM	Support Vector machine
FFNN	Feed Forward Neural Networks
STL	Seasonal and Trend Decomposition using Loess
DWT	Discrete Wavelet Transform
SVR	Support Vector Regression
PV	Photovoltaic
SPV	Solar Photovoltaic
JNNSM	Jawaharlal Nehru national Solar Mission
GHI	Global Horizontal Irradiance
DHI	Diffuse Horizontal Irradiance
DNI	Direct Normal Irradiance
MAE	Mean Absolute Error
RMSE	Root Mean Square Error
WFFNN	Wavelet Transform and Feedforward Neural Networks
WSFFNN	Wavelet Transform and STL combined with FFNN
WT	Wavelet Transform
FT	Fourier Transform
STFT	Short Term Fourier Transform
S	Forecast Skill
R^2	Goodness of Fit
DT	Decision Tree
MMF	Multi model Framework
SMO	Particle Swam Optimization
GA	Genetic Algorithm