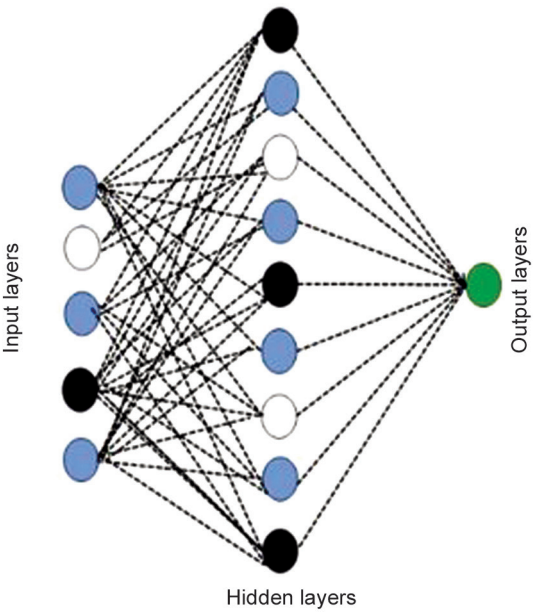
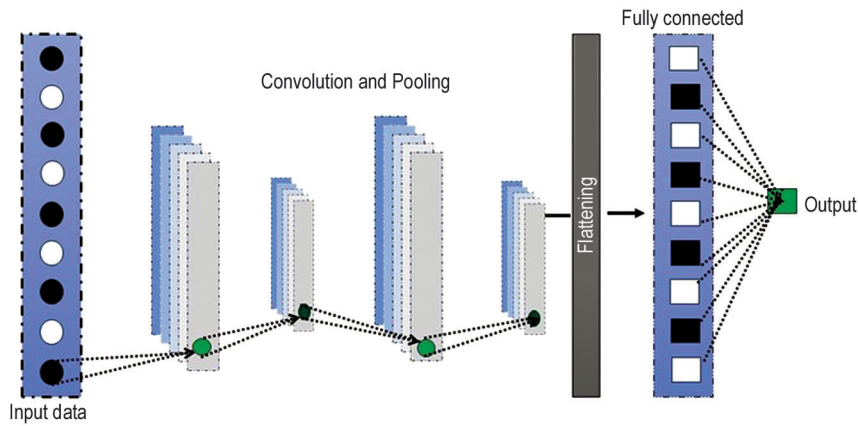
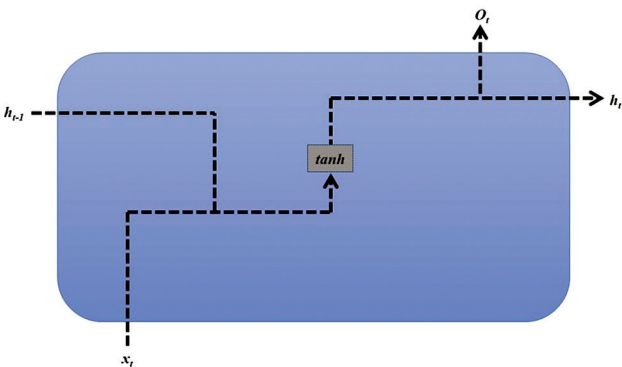




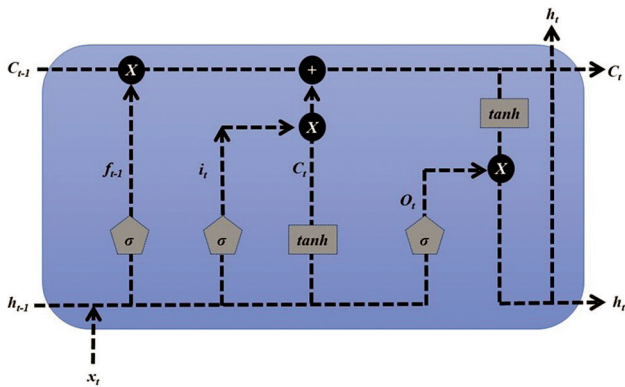
Supplementary Fig. 1 Artificial Neural Network.



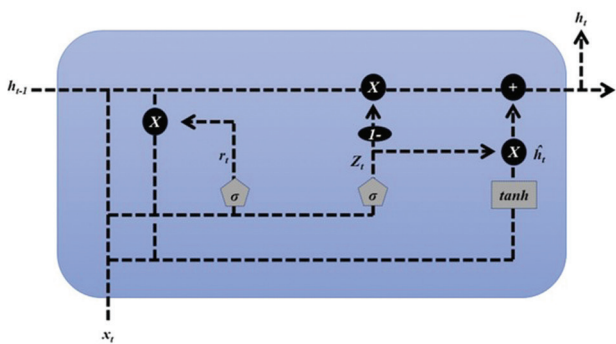
Supplementary Fig. 2 Convolutional Neural Network.



Supplementary Fig. 3 Recurrent Neural Network.



Supplementary Fig. 4 Long Short-Term Memory Network.



Supplementary Fig. 5 Gated Recurrent Network.

Supplementary Table 1 Hyperparameter tuning

Models	Hyperparameters	Candidates
ANN	Input Nodes	12
	Hidden Nodes	1 to 15
	Activation Function	Sigmoid
CNN	Lags	12
	Epoch	50 to 100
	Kernel Size	3,5,7,9,12
	Filters	16 to 64
	Optimizer	RMSprop
	Activation Function	ReLU
RNN, LSTM, GRU	Lags	5
	Units	10 to 50
	Batch Size	1 to 5
	Epoch	50 to 100
	Optimizer	RMSprop
	Activation Function	ReLU