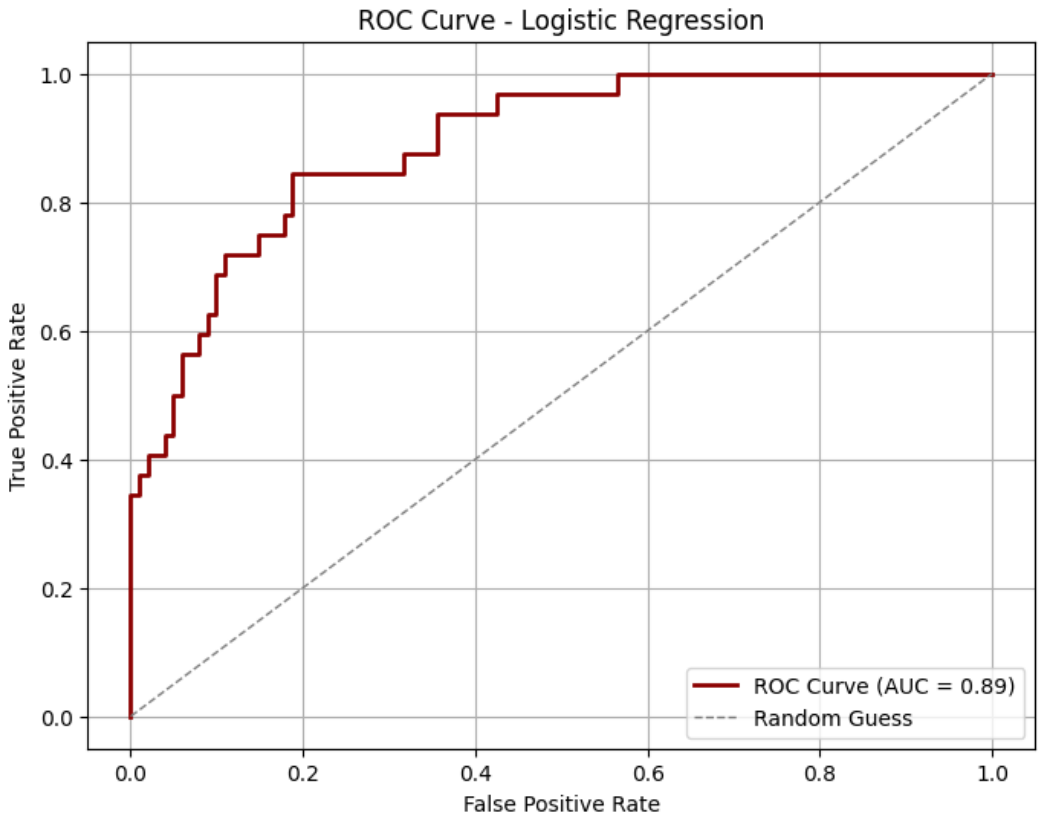
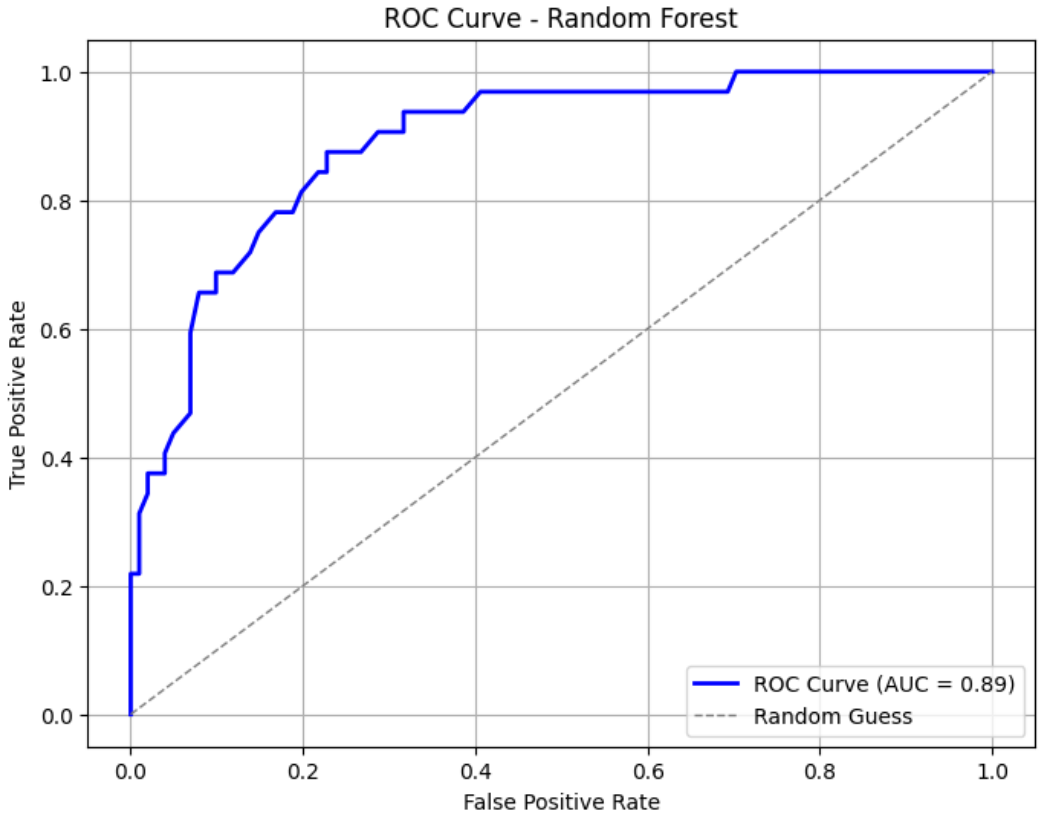
Supplement 2. Model-wise ROC Curve Comparisons

It provides the ROC curves for each classification model used in this study. These curves illustrate the trade-off between sensitivity (True Positive Rate) and specificity (False Positive Rate) for each model across different threshold levels. AUC scores are indicated in the legends of each plot to highlight the discriminative performance of each classifier. Only traditional machine learning and deep learning models were included.

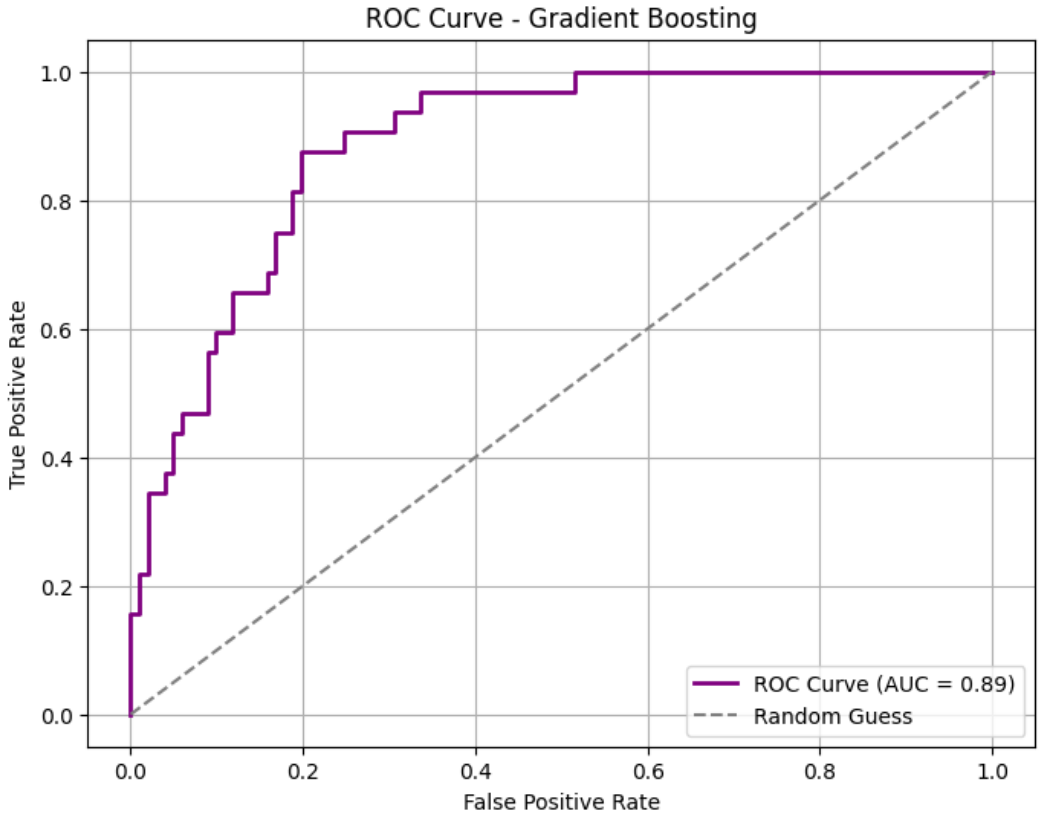
ROC Curve - Logistic Regression



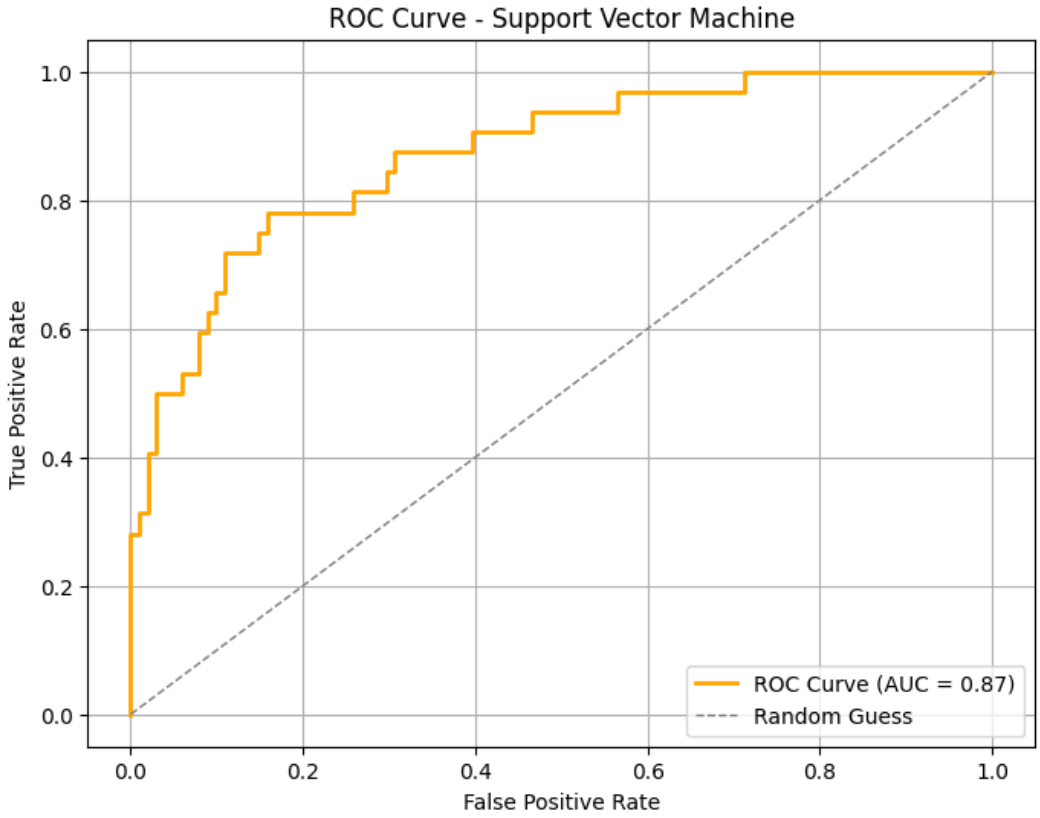
ROC Curve - Random Forest



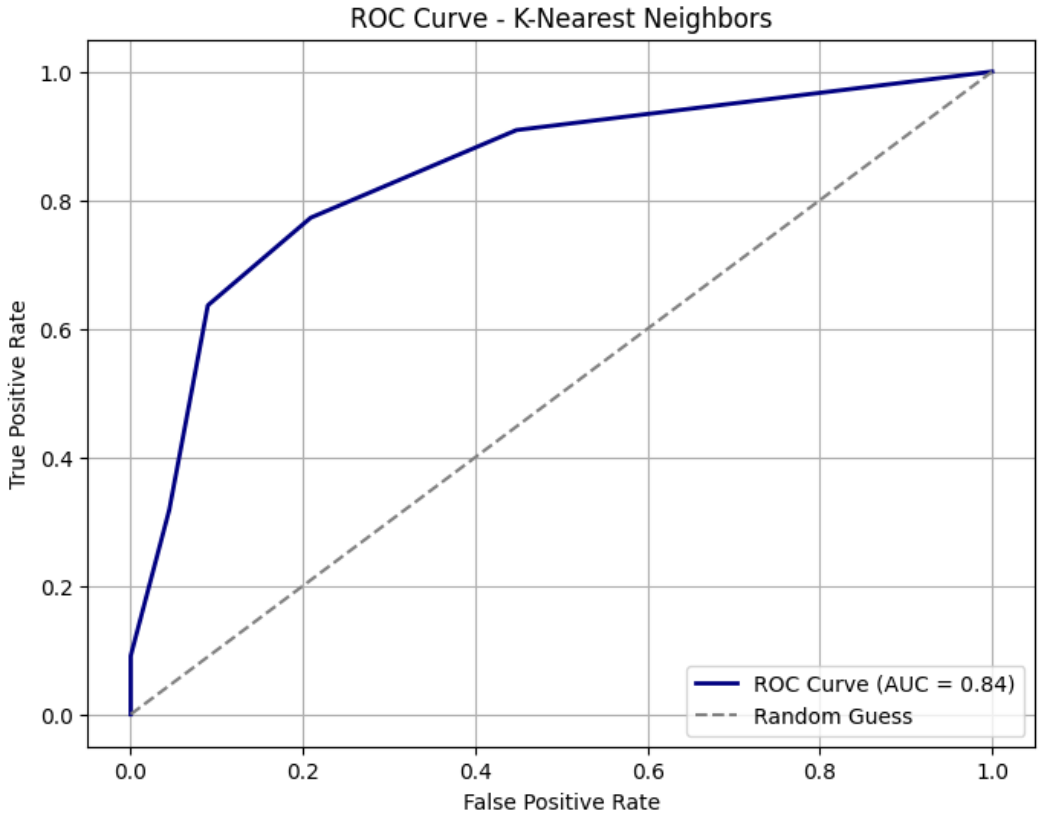
ROC Curve - Gradient Boosting



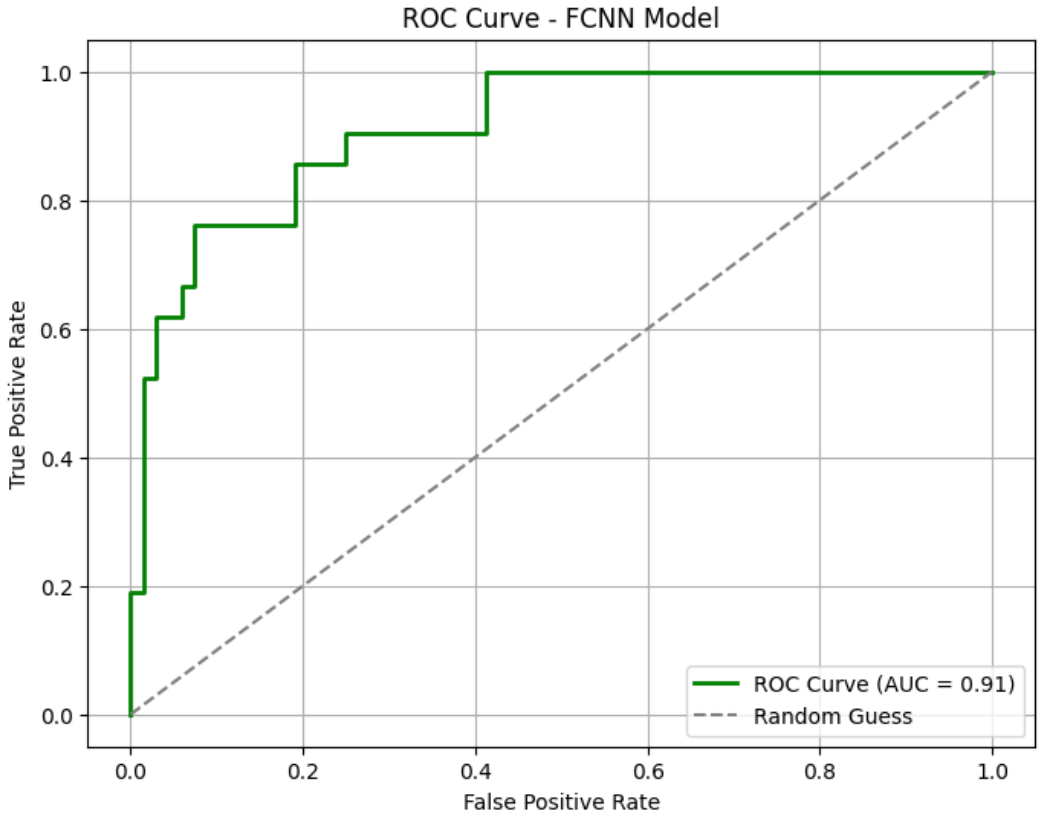
ROC Curve - Support Vector Machine



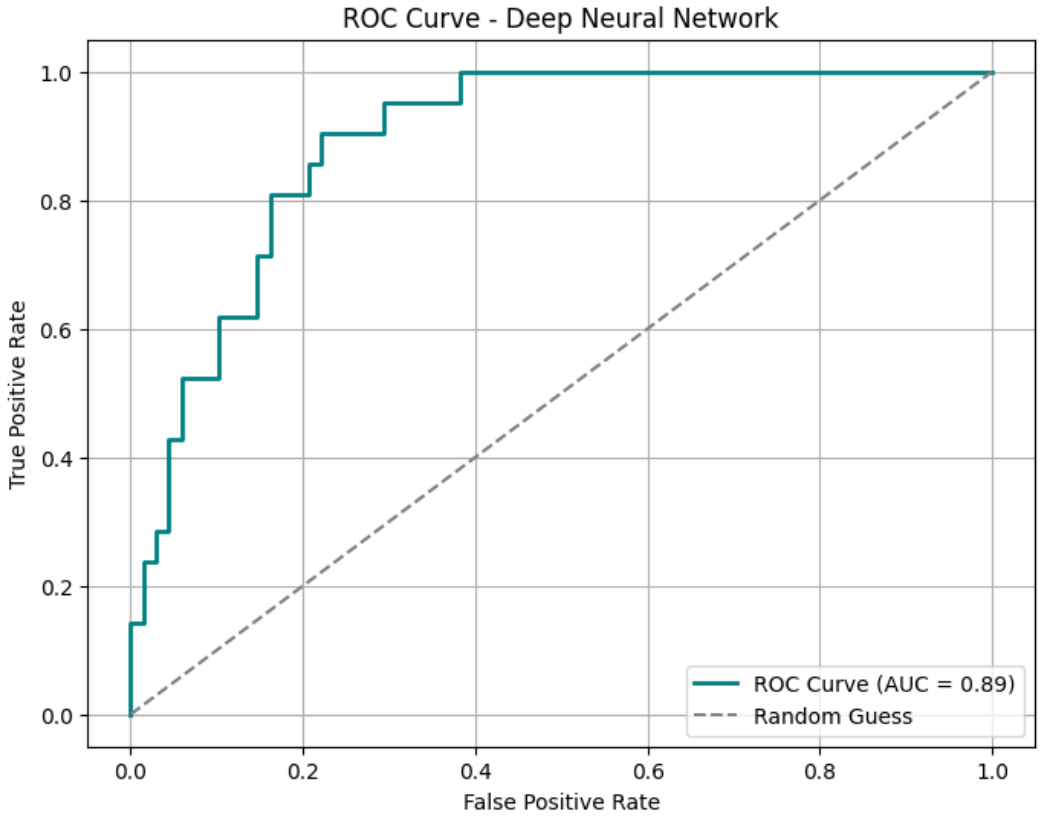
ROC Curve - K-Nearest Neighbors



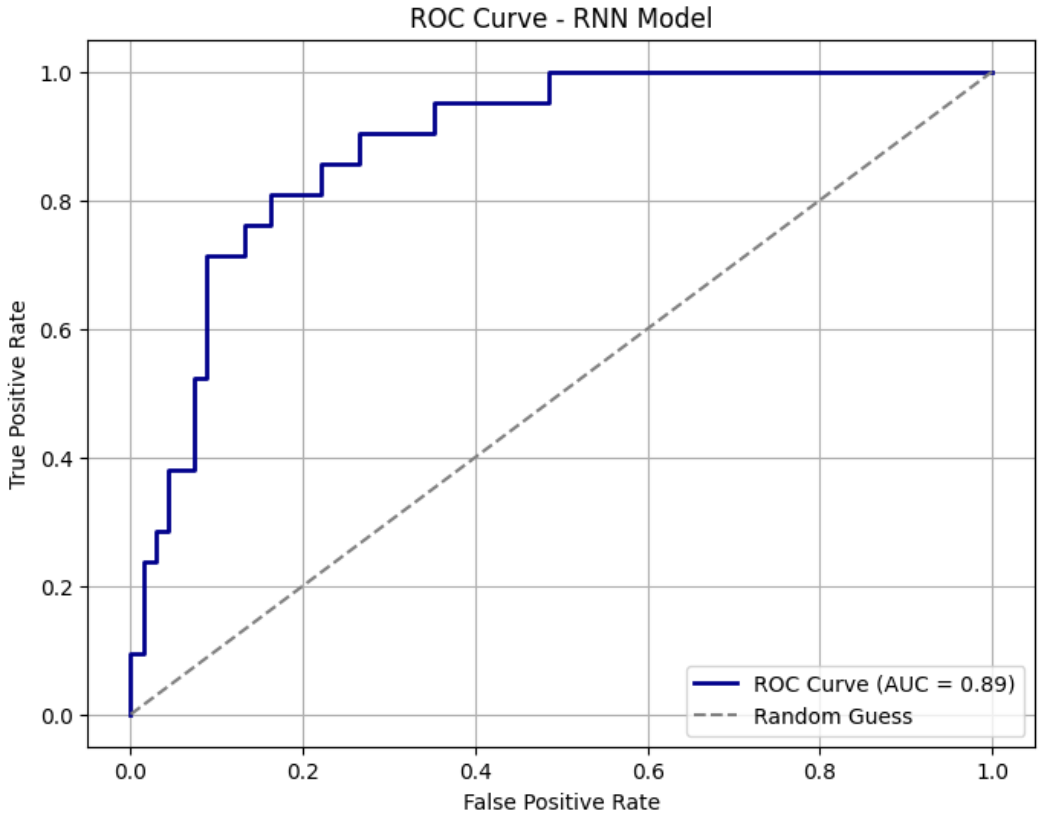
ROC Curve - FCNN Model



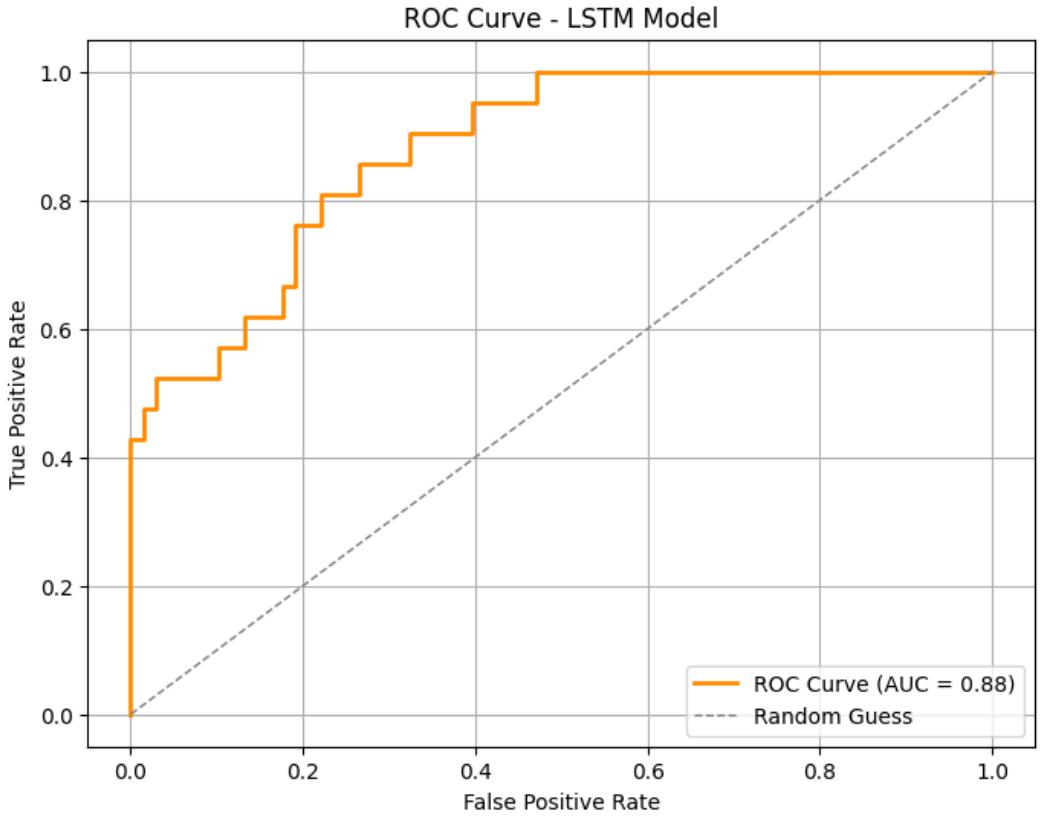
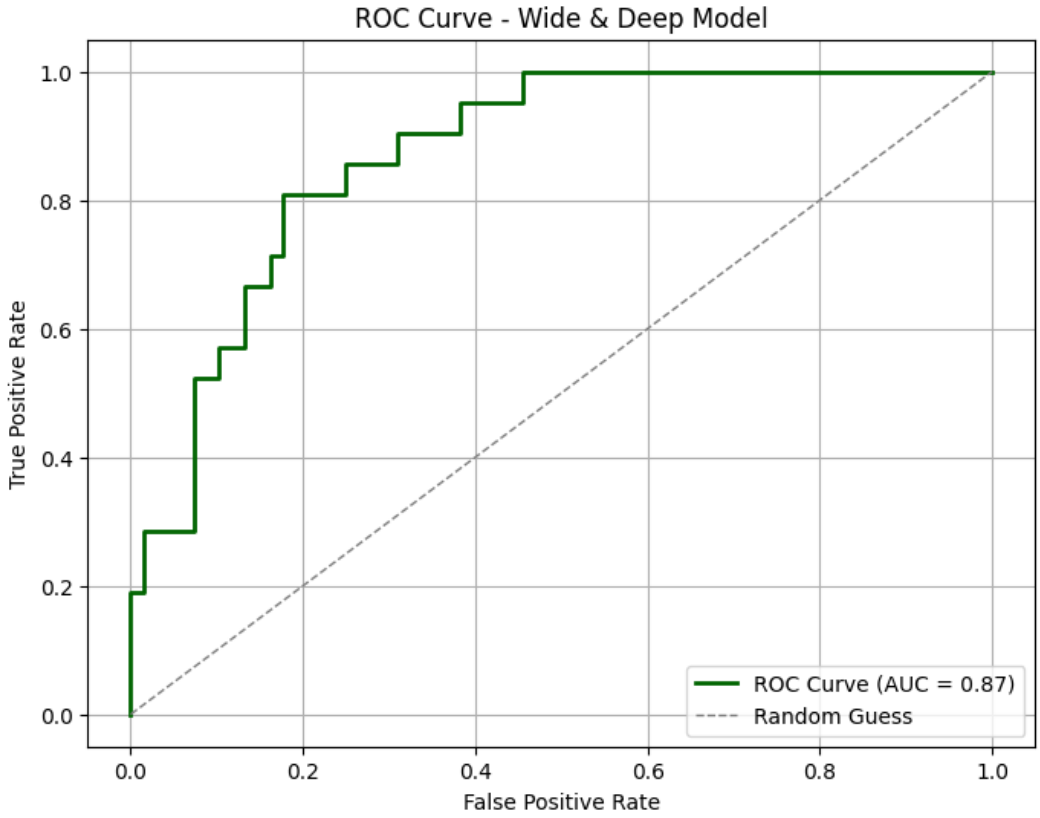
ROC Curve - Deep Neural Network



ROC Curve - RNN Model



ROC Curve - LSTM Model



ROC Curve - Wide & Deep Model