

Results:-

In order to evaluate the Human Activities Recognition model, our model passes through five stages which are:-

1. Human Activities Data acquisition.
2. Preprocessing:-
 - ➔ Filtration.
 - ➔ Smoothing.
3. Signal Segmentation.
4. Features Extraction.
5. Classification with some techniques:
 - ➔ Support Vector Machine.
 - ➔ K-Nearest Neighbors.
 - ➔ Random Forest.
 - ➔ Decision Tree.
 - ➔ Naive Bayes.

So passing through all these stages helped us to improve our model's classification accuracies as they are shown in figure[].

Technique Used	Accuracy of Trained data	Accuracy of Tested Data
Support vector machine		
K-Nearest Neighbors		
Random forest		
Decision Tree		
Naive Bayes		