CHAPTER 6
CONCLUSIONS AND FUTURE SCOPE OF THE WORK

6.1. SUMMARY OF THE PRESENT WORK

In this thesis, 100 videos have been downloaded from internet resources. The contents of the video cover wide range of topics. Features corresponding to image, text and audio are extracted by using standard statistical methods. Labeling is done for the features to train ANN algorithms. Out of 100 videos, 50 videos have been used for training and 50 videos have been used for testing. Twenty videos are close in terms of contents. We claim the following:
1. BPA takes time to learn when compared to RBF.
2. The retrieval process for a given query is quick when the topology of ANN is minimal.
3. Multimodal query input consumes more time when compared to single modality for video retrieval.

6.2. SCOPE FOR THE FUTURE WORK

This thesis has used limited features from image, text and audio to retrieve a video from the hard disk of a local system. The training time for the BPA takes more when more number of training patterns are presented. New combinations of ANN algorithms have to be tried to know the video retrieval performance.