**Abstract:**

In computer vision applications, availability of dataset for the training and testing of any newly developed system is always a key requirement. Most of the time, people use dataset built by other researchers. In case of unavailability of particular type of dataset, they built the dataset by their own. The datasets for the evaluation of computer vision systems could be of various types. These could be of thumb impressions, retinal scans or images of human activities/postures. The prayer performed by Muslim community also comprises of activities/postures which are the subset of the activities performed by an individual. In order to train and test the human activity recognition system on prayer activities/postures, the availability of prayer dataset is much needed. To the best of our knowledge, no such dataset is available in this area. In order to fulfill this requirement, we have recorded a dataset of prayer postures for an individual in a closed environment. The dataset comprises of RGB, Depth and skeleton frames of an individual from different pose and varying distance. We have recorded this dataset by using Microsoft Kinect for Windows sensor. We have captured more than 1700 RGB, Depth and skeleton frames of different actions comprises of positive and negative examples. We have labeled data and provided in various file formats like .xls, .mat and .arff. We are hopeful that the dataset developed by us will not only enforce the research community working on Human activity/posture recognition to test their system on this particular type of dataset but also to add more to the dataset. It will also help provide them understanding that how to record their own dataset using Kinect if need arises. Apart from that, this wills also a publicly available bench mark in this particular domain.