

## Research Proposal

### **Title: Intelligent Collaboration System for Reducing the Cloud Replication using On-demand Service Level**

*Cloud usage is increasing rapidly for Storage. Still there is a problem of replication of the Resources when multi clouds are in consideration. This Replication causes lots of memory spaces to get wasted. Thus to get an efficient usage of memory space we are in need of collaboration of clouds that have similarities to share them with no duplication. Cloud collaboration is a tedious process where both cloud owners have to co-operate with each other to maintain the Collaboration. To increase the Security during collaboration and to reduce the overhead for the cloud owners, we are providing an SLA (Service Level Agreement). This SLA can be of either Contract Based or Demand Based. OLAP is used to find the similarities of the clouds that are needed to be collaborated.*