In this work we considered integro–differential initial value problems with Riemann Liouville derivative of order $q$, $0 < q < 1$. We will define several types of lower and upper solutions and develop two monotone iterative techniques by constructing two sequences that converge uniformly and monotonically to minimal and maximal solutions. In the first result we will construct two natural sequences and in the second result we will construct two intertwined sequences. We will finish this presentation by illustrating our results with an example. (Received September 05, 2016)