## 1077-93-1061 Dimplekumar N Chalishajar\* (dipu17370@yahoo.com), 417 Mallory Hall, Department of Mathematics and Computer Scienc, Virginia Military Institute (VMI), Lexington, VA 24450. In this paper we have discussed the controllability result for a nonlinear neutral functional differential system with impulses and infinite delay. We have proved the result for finite dimension and infinite dimension with non compactness of the associated semigroup, using fixed point argument. We claim that the phase space considered by other authors for the system involving infinite delay with impulse effect in infinite dimension space is not correct. We have introduced a new phase space and proved the result. An example is given to illustrate the theory. (Received September 15, 2011)