1096-54-184 **Sukhdev Singh*** (sukhdev.15829@lpu.co.in), Department of Mathematics, Lovely Professional University, Jalandhar-Delhi G.T. Road, (NH-1), Phagwara, 144411, India, and **Rajiv K. Srivastava** (rajiv.maths.ibs@gmail.com), Department of Mathematics, Institute of Basic Science, Khandari, Dr. B. R. Ambedkar University, Agra, 282002, India. *Certain Order Topologies on the Bicomplex Space and a Study of Bicomplex Nets.*

In this paper, we have studied the topological properties of the bicomplex space C_2. We have defined three order topologies and a metric topology on C_2. We have compared the order topologies with each other and also with the metric topology.

We have initiated the study of nets in C_2. Different types of confinements of bicomplex nets have been characterized in terms of convergence of the component nets. We have also initiated the study of clustering of bicomplex nets. Clustering on different types of zones in C_2 have been defined. We have investigated the confinements and clustering of the bicomplex nets in different order topologies. Finally, investigations have been made connecting clustering of a bicomplex net and confinement of its subnets. (Received August 16, 2013)