1043-47-62   **Anil Rajput*** (`dranilrajput@hotmail.com`), Dept. of Mathematics and Computer Science, Sadhu Vaswani College, Bhopal, India. *Fuzzy Fixed Point Theorem and its Application.*

The concept of fuzzy sets was introduced by Zadeh in 1965. Since then several mathematicians have developed the theory of fuzzy sets and applications. A few have given results dealing with fuzzy metric spaces. Several researchers have studied fixed point theory in fuzzy metric spaces. We establish a common fixed point theorem for fuzzy metric spaces and give applications. (Received August 15, 2008)