International J. of Math. Sci. & Engg. Appls. (IJMSEA) ISSN 0973-9424, Vol. 9 No. II (June, 2015), pp. 157-178

## SOME COMMON FIXED POINT THEOREMS FOR MULTI-VALUED MAPS IN COMPLETE METRIC SPACE

## U. KARUPPIAH<sup>1</sup> AND A. LEEMA MARIA PRAKASAM<sup>2</sup>

<sup>1</sup> Department of Mathematics
St.Joseph's College(Autonomous), Trichy-620 002, India
<sup>2</sup> Department of Mathematics,
Holy Cross College(Autonomous), Trichy-620 002, India

## Abstract

We prove some common fixed point theorems for multi-valued maps in complete metric space by changing the contractive conditions which generalize the results of Ramendra Krishna Bose [7].

\_\_\_\_\_

© http://www.ascent-journals.com

Key Words : Common fixed point, Multi-valued maps, Coincidence point. 2000 AMS Subject Classification : Primary 47h10, Secondary 54h25.