

International J. of Math. Sci. & Engg. Appls. (IJMSEA)  
ISSN 0973-9424, Vol. 5 No. III (May, 2011), pp. 289-295

**ON SOME STRONGER FORMS OF STRONGLY FUZZY  $\#gs$  -  
CONTINUOUS, PERFECTLY FUZZY  $\#gs$  - CONTINUOUS AND  
COMPLETELY FUZZY  $\#gs$  - CONTINUOUS FUNCTIONS**

**SADANAND N. PATIL AND S. R. SADUGOL**

**Abstract**

In this paper, now the stronger forms of fuzzy  $\#gs$  - continuous functions namely strongly fuzzy  $\#gs$  - continuous, perfectly fuzzy  $\#gs$  - continuous and completely fuzzy  $\#gs$  - continuous functions have been introduced and studied. And some of their properties are obtained.