

## **FUZZY LOGIC: CONTROL SYSTEM AND APPLICATIONS**

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### **Abstract**

In this Paper we describe the concept and techniques used for Modern Scenario called as Fuzzy Logic. The basic structure elements of Fuzzy Logic have also been explained along with the Applications of this logic in real life. We also have discussed the future scope of this technique .Fuzzy Control Systems have also been discussed in detail. The goal of this thesis is to define and explain the usefulness of Fuzzy Logic while Decision Making.

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**Keywords:-** Fuzzy Set, Fuzzy Rules, Fuzzy Control Systems, Fuzzy Controller.