BE E&TC  Sem II
Soft Computing Techniques: Fuzzy Logic I and II

Across
6. ------ is a fuzzy implication
8. -------- deals with ambiguity associated with vagueness
11. ---- variable associates words with measure of belief functions/ membership functions
14. ------ is one way of fuzzy composition
16. In FIS ------ contains many If---Then rules
17. This is the classical/fuzzy equivalence relation
22. One minus membership function value is ------ operation
23. Fuzzy If--Then rule is called Fuzzy -------
24. Method of membership value assignment based on human intelligence

Down
1. ------ feature has membership value equal to 1
2. Method of defuzzification
3. ------ is a fuzzy membership function
4. T-Norm T means ------
5. ------ are propositions produced using the rules are always true irrespective of truth values of basic propositions
7. Process of making crisp quantity to fuzzy
9. ------ is possibility of occurrence
10. Operation on fuzzy set
12. Property of crisp set
13. The conditional part in If-Then rule is called ------
15. In fuzzy set “Very Tall”, Very is the linguistic ------ of variable height
18. ------ is FIS model
19. Maximum value of membership function is ------ of fuzzy set
20. This is basic features involved in characterizing membership functions
21. In ------ set there is no uncertainty in the prescription or location of boundaries of the set
22. ------ fuzzy set has membership values monotonically increasing or decreasing