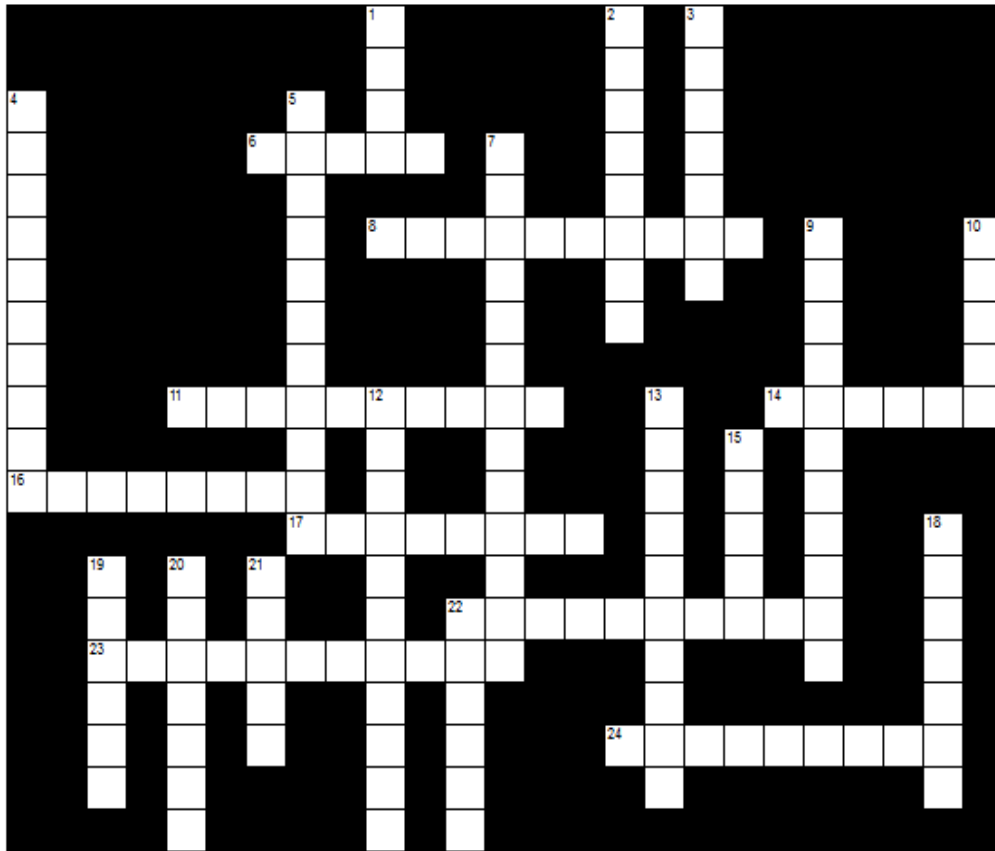


BE E&TC Sem II
Soft Computing Techniques: Fuzzy Logic I and II



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 membershipvalue 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 linguisticof 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 hasmembership values monotonically increasing or decreasing