

Roll No.

Total No. of Pages : 01

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M.Tech. (CSE) (Sem.-2)

SOFT COMPUTING

Subject Code : MTCS-202-18

M.Code : 76056

Date of Examination : 30-05-23

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTIONS TO CANDIDATES :

1. Attempt any FIVE questions out of EIGHT questions.

2. Each question carries TWELVE marks.

- Explain artificial Neural Networks.
 - Discuss the importance of Computational Intelligence.
- Define fuzzy sets. Explain its properties and operations.
- Explain fuzzy expert systems with help of example.
- What are the different types of classifier evaluation techniques? What is social network analysis and how it is closely linked with hyperlink analysis?
- Write a detailed note on adaptive networks and feed forward networks.
- Explain radial basis function networks.
 - Show with example how Machine Learning is used by data analysts?
- Demonstrate the functioning of Arrays in Python by taking an example.
 - Write the role of selection operator in Genetic Algorithm.
- Explain the use of function and file for ANN and fuzzy logic in MATLAB.

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.