

Soft Computing

Course: BTech 6th Sem

Date of Issue: 20/2/2024

Course Unit included: 1

Code: PEC-CS-D-602

Session: Jan-May 2024

Date of Submission: 22/2/2024

Max. Marks: 30

Assignment No. 1

Course Objectives:

1. To introduce soft computing concepts and techniques and foster their abilities in designing appropriate technique for a given scenario.
2. To implement soft computing based solutions for real-world problems.
3. To give students knowledge of non-traditional technologies and fundamentals of artificial neural networks, fuzzy sets, fuzzy logic, genetic algorithms.
4. To provide students a hand-on experience on MATLAB to implement various strategies.

QUESTIONS

- Q1. What is Soft Computing? (5 marks)
- Q2. What are the different applications of Soft Computing? (5 marks)
- Q3. What are the Unique Features of Soft Computing? (5 marks)
- Q4. Differentiate between AI and Computational Intelligence. (5 marks)
- Q5. What is the Future of Soft Computing? (5 marks)
- Q6. What is Machine Learning? (5 marks)

Course Outcome Evaluation Matrix:

COs	Assignment Questions					
	Q1	Q2	Q3	Q4		
CO-1						
CO-2					Q5	Q6
CO-3						
CO-4						

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