

Soft computing refers to the group of computational techniques that are based on artificial intelligence (AI) and natural selection. It provides cost-effective solutions to the complex real-life problems for which hard computing solution does not exist.

Advantages :-

- (1) Tolerance to imprecision
- (2) To be able to model problems which have element of uncertainty of non-statistical kind.
- (3) To be able to capture uncertainty and vagueness.
- (4) To be able to construct or perceive linguistic variables
- (5) To be able to provide approximate reasoning.
- (6) To be able to learn rules and equations of the form :-
If temperature is more, then allow small quantity of coolant