**1. Uninformed Search Algorithms**

* Linear Search (Sequential Search)
* Binary Search
* Breadth-First Search (BFS)
* Depth-First Search (DFS)
* Uniform-Cost Search (UCS)
* Depth-Limited Search
* Iterative Deepening Search (IDS)
* Bidirectional Search

**2. Informed (Heuristic) Search Algorithms**

* Best-First Search
* A\* Search
* Greedy Best-First Search
* Beam Search
* Hill Climbing
* Simulated Annealing
* Iterative Deepening A\* (IDA\*)
* Recursive Best-First Search (RBFS)

**3. Local Search Algorithms**

* Tabu Search
* Genetic Algorithms
* Random Search
* Simulated Annealing
* Gradient Descent

**4. Exponential Search Algorithms**

* Exponential Search
* Jump Search

**5. Interpolation and Adaptive Search Algorithms**

* Interpolation Search
* Fibonacci Search

**6. Hash-Based Search**

* Hash Search

**7. Tree-Based Search Algorithms**

* Binary Search Tree (BST) Search
* AVL Tree Search
* Red-Black Tree Search
* B-Tree Search

**8. Probabilistic Search Algorithms**

* Randomized Search
* Las Vegas Algorithm
* Monte Carlo Search

**9. Pattern Matching Algorithms**

* Knuth-Morris-Pratt (KMP) Algorithm
* Rabin-Karp Algorithm
* Boyer-Moore Algorithm
* Aho-Corasick Algorithm

**10. Search Algorithms in Graphs**

* Dijkstra’s Algorithm
* Bellman-Ford Algorithm
* Floyd-Warshall Algorithm
* Prim's Algorithm
* Kruskal's Algorithm