**MODULE 6**

**Genetic algorithms:**

<https://www.geeksforgeeks.org/genetic-algorithms/?ref=gcse>

**Approximation Algorithms:** <https://www.geeksforgeeks.org/approximation-algorithms/?ref=gcse>

**Vertex cover problem and its solution using Approximation algorithm:** <https://www.geeksforgeeks.org/introduction-and-approximate-solution-for-vertex-cover-problem/>

**Introduction to NP-Hard and NP-Complete Problems:**

<https://www.tutorialspoint.com/design_and_analysis_of_algorithms/design_and_analysis_of_algorithms_p_np_class.htm>

[https://www.tutorialspoint.com/design\_and\_analysis\_of\_algorithms/design\_and\_analysis\_of\_algorithms\_np\_hard\_complete\_classes.htm](https://www.tutorialspoint.com/design_and_analysis_of_algorithms/design_and_analysis_of_algorithms_p_np_class.htm)