**Graph**

**Infinite Graph**

**Finite Graph**

**Simple Graph**

**Multigraphs**

**Pseudographs**

**Directed Graph**

**Simple Directed Graph**

**Directed Multigraphs**

**Mixed Graph**

**social networks**

**Isolated**

**pendant**

**complete graph**

**Non Complete graph**

**Bipartite Serial**

**Parallel processing**

**Parallel algorithm**

**Hops**

**Subgraph**

**edge contraction**

**union of the graphs**

**Isomorphic**

**adjacency lists**

**graph invariant**

**path**

**Connected**

**Disconnected**

**cut vertices**

**non separable graphs**

**Vertex cut**

**strongly connected**

**weakly connected**

**Euler circuit**

**Hamilton path**

**Gray Code**

**Weighted Graphs**

**approximation algorithm**

**Planar**

**Regions**

**Elementary subdivision**

**Homeomorphic**

**Dual Graph**

C**hromatic Number**