LIST OF ABBREVIATIONS

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Description</th>
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<tbody>
<tr>
<td>AODV</td>
<td>Ad Hoc on demand Distance Vector Routing</td>
</tr>
<tr>
<td>ACO</td>
<td>Ant Colony Optimization</td>
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<tr>
<td>BS</td>
<td>Base Station</td>
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<tr>
<td>BFSA</td>
<td>Binary Artificial Fish Swarm Algorithm</td>
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<tr>
<td>CPU</td>
<td>Central Processing Unit</td>
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<tr>
<td>CH</td>
<td>Cluster Head</td>
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<tr>
<td>CDMA</td>
<td>Code Division Multiple Access</td>
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<tr>
<td>DAG</td>
<td>Directed Acyclic Graph</td>
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<tr>
<td>DSDV</td>
<td>Distance Sequenced Distance Vector</td>
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<tr>
<td>DV</td>
<td>Distance Vector</td>
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<tr>
<td>DSR</td>
<td>Dynamic Source Routing</td>
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<tr>
<td>EA</td>
<td>Evolutionary Algorithm</td>
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<tr>
<td>GA</td>
<td>Genetic Algorithm</td>
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<tr>
<td>HBFSA</td>
<td>Hybrid Binary Artificial Fish Swarm Algorithm</td>
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<tr>
<td>ID</td>
<td>Identity</td>
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<tr>
<td>LQ-DSR</td>
<td>Link Quality Dynamic Source Routing</td>
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<tr>
<td>LS</td>
<td>Link State</td>
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<tr>
<td>LEACH</td>
<td>Low Energy Adaptive Clustering Hierarchy</td>
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<tr>
<td>MANET</td>
<td>Mobile Ad hoc network</td>
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<tr>
<td>NP</td>
<td>Non Deterministic</td>
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<tr>
<td>OLSR</td>
<td>Optimized Link State Routing</td>
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<tr>
<td>PDR</td>
<td>Packet delivery Ratio</td>
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<td>PktPair</td>
<td>Packet Pair Delay</td>
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<tr>
<td>PSO</td>
<td>Particle Swarm Optimization</td>
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<tr>
<td>QoS</td>
<td>Quality of Service</td>
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<tr>
<td>Acronym</td>
<td>Description</td>
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<tr>
<td>RTT</td>
<td>Round Trip Time</td>
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<tr>
<td>SA</td>
<td>Simulated Annealing</td>
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<tr>
<td>SI</td>
<td>Swarm Intelligence</td>
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<tr>
<td>TORA</td>
<td>Temporally Ordered Routing Algorithm</td>
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<tr>
<td>TDMA</td>
<td>Time Division Multiple Access</td>
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<tr>
<td>WSN</td>
<td>Wireless Sensor Network</td>
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