



REVIEW ARTICLE

A Review on Delay Optimization in Vehicular Ad Hoc Networks Using Ant Colony Optimization and WIMAX

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Abstract— This paper presents an approach for delay optimization in Vehicular ad hoc networks using Ant Colony Optimization and WIMAX technology. Several techniques have previously been proposed for optimizing the load and making routes more scalable to avoid collision for end to end communication between vehicles on highways to ensure that vehicles perform safety communication between each other. No technique can solve all types of problems, but some techniques are better than others for specific situations. This paper reviews ant colony optimization as well as WIMAX technology for optimizing load by making Collision Warning System Model in vehicle to vehicle to avoid collision in traffic full area by broadcasting the alert message between vehicles and finding the better result. This served as the major contribution of this paper.

Key Terms: - Vehicular Ad Hoc Networks; Ant Colony Optimization; WIMAX; Collision Avoidance

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