

A REVIEW ON BUS ROUTE OPTIMIZATION AND RESCHEDULING

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Abstract: Buses are the most widely utilized in transit technology these days due to the fact bus networks are easily handy and cheaper than other kinds of public transportation. Bus route problem is major challenge now a day because bus transportation needs to be safe, reliable and well planned. So that bus route optimization is necessary. It is the technique to find the most convenient route on the basis of current bus ceases, timing, and bus loads. Therefore, route optimization helps to increase the bus fleet efficiency. The prime goal of bus route optimization is to lower the number of drivers, total travel distance and buses running on a particular route. It can save money by controlling the fuel and staffing expenses as minimal as possible. The paper highlights the different techniques usage in previous study and conclusion.

Index Terms- Bus Route Optimization, Technique, Network.

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