

BUS ROUTING AND TRAFFIC MANAGEMENT IN GREATER IMPHAL: GRAPHICAL METHOD

KUBER M.¹ AND TOMBA I.²

¹Assistant Professor, Department of Mathematics,
D.M. College of Science, Imphal, India

²Associate Professor, Department of Mathematics,
Manipur University, Canchipur, Imphal, India

Abstract

Traffic conditions in most of the Indian cities are very chaotic and crucial. All Indian cities face a crisis of urban transport. They face increasing problems of congestion, traffic accidents, air and noise pollution. The demand for public transport is increasing day by day. Weak public transport system invites tremendous growth of personalized modes particularly two wheelers and cars. The annual rate of growth of motor vehicles in India is about 11percent during the last decade. This situation is warranting the need for adequate parking facilities and appropriate management transport policies. An efficient city transport system has been designed by introducing three circular routes in Greater Imphal and analyzed by Graphical method.

Keywords : Goal programming, Routing, Optimization, Traffic congestion, Path matrix

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