**ABSTRACT**

This paper regards to adjust the strength characteristics of clayey soil the use of shredded pieces of tyre. Randomly distributed shredded tyres maintain strength isotropy and possibilities of development of capability plane of weak point are reduced.

The engineering behaviour of soil tyre aggregate has been decided through conducting the tests which includes Standard Proctor test and California Bearing Ratio test. The test were carried out of virgin soil as well as on soil mixed with tyre pieces amounting to 5, 10 and 15% of weight of dry soil. The results imply that improvement in strength of soil can be obtained the use of shredded tyres as reinforcing material. The capacity use of soil tyre mixture as light weight material is also discussed.