

## SCIENTIFIC ZIPCODE FOR SRI LANKA

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\* Sri Lanka does not have a zipcoding system yet. With the increased use of computers in business, industry and in Government, a scientific or unscientific zipcoding system will become very useful.

A countrywide coding system is in use in many developed countries. The United States of America is a classic example. The code used in USA was not based on any scientific rule. Even then, it is widely used in pinpointing locations inside the country.

If Sri Lanka is to use a zipcoding system, it is better if it is based on some scientific rule. Most importantly, the codes of locations should satisfy the following.

- (1) The code should be able to tell the distance of that location from the Capital, Colombo.
- (2) After a simple manipulation of the codes of two locations one should be able to arrive at a higher estimate the shortest plan distance between those two locations.

• An attempt is made in this paper to derive such a coding system.