

# **STUDY ON PROMOTION OF BICYCLES FOR SCHOOL CHILDREN IN EASTERN PROVINCE**

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A Project Report Submitted in Partial Fulfillment of the Requirement for the Degree of

Master of Science in Transportation

University of Moratuwa, Sri Lanka.

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March 2010

## DECLARATION

I declare that this is my own work and this thesis does not incorporate without acknowledgement any material previously submitted for a Degree or Diploma in any University or other institute of higher learning and to the best of my knowledge and belief it does not contain any material previously published or written by another person except where the acknowledgement is made in the text

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## ABSTRACT

Various organizations belonging to governmental as well as non governmental sectors are presently engaged in promoting the use of push bicycles. Every such organization involved in this endeavor is of the view that bicycle has the potential to face the challenges posed by the motorized modes of transport. In the Sri Lankan context, promotion of the use of bicycle is a long felt need and has reached the proportion of needing the priority basis for its handling.

This thesis is just a small step of a longer journey in that direction. It has collected and analyzed every fact and figure that counts to establish a solid factual basis to start a program of distributing bicycles among the needy school children in the Eastern Province as an initial step. The study also has the scope of extending it to other provinces, too.

The purpose of the thesis also carries an institutional requirement of the National Transport Commission (NTC) of facing the problem of providing transport for school children. The NTC which was setup for the sole purpose of handling transport by omnibus has now realized the usefulness of the bicycle in discharging its responsibilities.

The thesis, therefore, will provide the NTC with a factual basis to venture in to a program of donating bicycles to school children and at the same time to encourage the use of bicycles in the whole country.

The reasoning based on scientific analysis of data adopted here is applicable to other parts of the island, too, because, the sample area taken for the study is reflective of common conditions prevailing in the country.

Beyond the immediate need the study has well established the importance of the bicycle as a way of life in tomorrow's world. Things such as, special lanes for cyclist, wayside protective shelters and repair shops should not be in the area of wishful thinking in the future.

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## LIST OF ABBREVIATIONS

<b>Abbreviation</b>	<b>Description</b>
NTC	National Transport Commission
SLTB	Sri Lanka Transport Board
LFRTD	Lanka Forum of Rural Transport Development
RDA	Road Development Authority
NGOs	Non Governmental Organizations
NMV	Non Motorized Vehicles
BRTS	Bus rapid transit Systems
SLPI	Prosperity Index of Sri Lanka
Govt	Government
Km	Kilometer
SDS	School Development Society
SK	Sri Koneshwaram Hindu College, Trincomalee
AB	Agra Bodhi Maha Vidyalaya, Kantalei
RV	Royal Vidyaloka National School, Trincomalee
VV	Vivekananda Maha Vidyalaya, Pulmude, Kuchchaweli
KG	Kurunchankani girls MV, Kurunchankani, Kinniya
AM	Araffath Maha Vidyalaya, Kurunchankani, Kinniya
MV	Madawachchiya Vidyalaya, Madawachchiya, Gomarankadawela.
KV	Kiulekada Vidyalaya, Kiulekada



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