

**SANITARY FACILITIES AND THEIR MANAGEMENT
PRACTICES IN HIGHER SECONDARY SCHOOLS**

BY

GULAB CHAUDHARY

EXAM ROLL NO. : - 2140280/066

T.U. REGD NO. : - 24303-93

ACADEMIC YEAR : 2064/065

**IN PARTIAL FULFILLMENT OF THE REQUIREMENTS
FOR THE MASTER'S DEGREE IN EDUCATION (HEALTH
EDUCATION)**

**TRIBHUVAN UNIVERSITY
FACULTY OF EDUCATION
SUKUNA MULTIPLE CAMPUS
DEPARTMENT OF HEALTH AND POPULATION EDUCATION
KOSHIHARAINCHA, MORANG**

2016

DECLARATION

I hereby declare to the best of my knowledge that this thesis in original; no part of it was submitted earlier for the candidature of research degree to any university.

Date:

.....

Gulab Chaudhary

ACKNOWLEDGEMENT

This study entitled *Sanitary facilities and their management practices in higher secondary schools* was carried out in order to identify the sanitary facilities and their management practices.

I would like to express my deep gratitude and sincere respect to my research advisor Mr. Krishna Prasad Bhurtel, Lecturer, Sukuna Multiple Campus, for his proper guidance and continuous help, without whom this research would not be completed.

I would like to offer special thank to Mr. Hari Bdr Khatri, Mr. Manish Thapa, Mr. Janardan Guragain (Head of Department) providing valuable suggestions and information .

A large number of individuals have contributed directly and indirectly in this research. I am thankful to all of them for their help and encouragement . I would like to thank the headmasters and subject teachers of Schools for providing necessary materials and details.

I would like to thank Mr. Yagyamani Niraula, Tina computer, Khorsane for helping typesetting this thesis lastly,

I would like to thanks to Sukuna Multiple Campus for providing me a good chance for the study .

All the drawbacks are my own.

.....
Gulab Chaudhary

Date :.....

ABSTRACT

This study on *Sanitary facilities and their management practices in higher secondary schools* was carried out in order to identify the sanitary facilities and their management practices. A month long field operation was launched where 3 higher secondary schools (Public Bindeswari, Happyland, and Laligurans) their Headmasters, Health Education Subject Teachers and 45 students of class ten were randomly sampled and interviewed through structured interview schedule and observation check list.

The analysis and interpretation of data was done in different tables and figures according to the purpose of the study. Data were converted into simple percentage basis .

The major components of sanitation facilities like: adequate land, gardening, planting classroom, ventilation, lighting, dustbins, classroom cleanliness, toilets and water supply are very important factors to create proper healthy school environment in the school . Based on above findings and recommendations , it is concluded that school health committees should be formed in order to manage sanitary facilities. Furthermore , health . education should be provided to all school personnels for sanitary management , that helps in maintaining good sanitary condition in and around school premises.

TABLE OF CONTENTS:

	Page No.
<i>Declaration</i>	<i>i</i>
<i>Recommendation</i>	<i>ii</i>
<i>Approval Sheet</i>	<i>iii</i>
<i>Acknowledgement</i>	<i>iv</i>
<i>Abstract</i>	<i>v</i>
<i>Abbreviation</i>	<i>vi</i>
<i>Table of Contents</i>	<i>vii</i>
<i>List of Table</i>	<i>x</i>
<i>List figure</i>	<i>xi</i>

CHAPTER I : INTRODUCTION

1.1 Background of the Study	1
1.2 Statement of the Problem	3
1.3 Objective of the study	4
1.4 Research questions	4
1.5 Significance of the study	4
1.6 Delimitation of the study	5
1.7 Definition of the terms used	6

CHAPTER II : REVIEW OF THE RELATED LITERATURE **8**

CHAPTER III : METHODOLOGY

3.1 Research design	12
3.2 Population of the study	12
3.3 Sampling procedure	13

3.4 Tools and Instruments	13
3.5 Data collection procedure	14
3.6 Data Analysis and Interpretation	14

CHAPTERIV : RESULT AND DISCUSSION

4.1(A) Available sanitary facilities and their management in the schools	15
4.1.1 Available land in the school	15
4.1.2 Boundary wall of the school	17
4.1.3 Garden of the school	17
4.1.4 Availability of buildings	18
4.1.5 Availability of classrooms in the schools	19
4.1.6 Cleanliness condition of the room	20
4.1.7 Waste disposal system	22
4.1 (B) The Student	23
4.2 (A) Provision and Management of Water Supply Facilities	25
4.2.1 Source of Water	25
4.2.2 Availability of its own taps	25
4.2.3 System of water collection	27
4.2.4 Purity of water supply	28
4.2 (B) The student	29
4.3 (A) Provision and management of toilet (latrine)	30
4.3.1 Available Toilets in the schools	30
4.3.2 Types and condition of toilet	31
4.3 (B) The Student	33
4.4 (A) The Facilities and Condition of Ventilation and Light	34
4.4 (B) The student	35

CHAPTER-V : SUMMARY, FINDING, CONCLUSION AND RECOMMENDATIONS

5.1 Summary	37
5.2 Finding	38
5.3 Conclusion	39
5.4 Recommendations	39

REFERENCES

Appendix-I

Appendix II

Appendix-III

Appendix IV

LIST OF TABLE

Table No	<i>Particulars</i>	<i>Page No.</i>
1	Available land in the school	16
2	Situation of Boundary wall	17
3	Garden of the School	18
4	Available Building in the Schools	18
5	Available classrooms in the school	19
6	Classroom Cleanliness	21
7	Method of waste disposal	22
8	Waste Disposal System	24
9	Sources of water	25
10	Availability of own tap	26
11	System of water collection	28
12	Purity Of Water Supply	28
13	Management and condition of drinking water	29
14	Available toilets in the schools	30
15	Types of toilet in the school	32
16	Condition of toilet in the school	32
17	Condition and management of toilet	33
18	Management of Ventilation in the School	34
19	Condition of Ventilation in the School	34
20	Condition of light in the classroom	35
21	The Amenities and Condition of Ventilation and Light in the School	36

LIST OF FIGURE

Figure No.	<i>Particulars</i>	<i>Page No.</i>
1	Available land in the school in kathtas	16
2	Available classrooms in the school	20
3	Cleanliness condition of the Classroom	21
4	Method of waste disposal	23
5	Availability it's their own tap	27
6	Available toilets in the schools	31

ABBREVIATION

FOE	Faculty of Education
HMG	His Majesty's Government
HSS	Higher Secondary School
MOE	Ministry of Education
MOH	Ministry of Health
NEWAH	Nepal Water of Health
NGO	Non Government Organization
INGO	International Non Government Organization
UNICEF	United Nation Children's Fund
WHO	World Health Organization