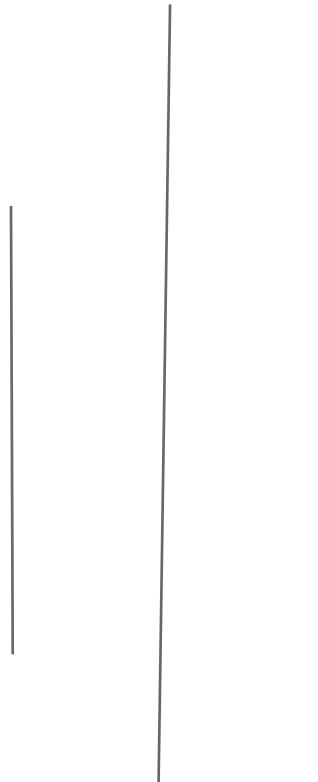


**TO STUDY ALTERNATIVE ENERGY CONSUMPTION PATTERN IN
THE NEIGHBORHOOD.**

A Project Work Report



Submitted By

Class 11

Class Roll Number

Registration Number

Note :- it's just a demo not a final project .

Submitted to;
The Faculty of Science
Gorkha Secondary School

Tulsipur-06, Dang

Jan, 2021

Declaration

I hereby declare that the project work entitled “**TO STUDY ALTERNATIVE ENERGY CONSUMPTION PATTERN IN THE NEIGHBORHOOD**” submitted to the faculty of Science, Gorkha Secondary School, Tulsipur is an original piece of work carried out under the supervision of ...**Teacher’s name**, faculty member, of Gorkha Secondary School, Tulsipur, Dang, and is submitted in partial fulfillment of the requirements for the award of grade 11/12. The Project work Report hasn’t been submitted to any other university of institution for the award of any degree.

Student name... write your name

Gorkha Secondary School

Tulsipur, Dang

20th Jan, 2021

Recommendation

The work report entitled '**TO STUDY ALTERNATIVE ENERGY CONSUMPTION PATTERN IN THE NEIGHBORHOOD**' submitted by **Student name** of Gorkha Secondary School, Tulsipur, Dang, is prepared under my supervision as per the procedure and format requirements laid by the Faculty of Science, Gorkha Secondary School Tulsipur, as partial of the project. The work has been prepared for completion of 11/12 course of NEB. The study is original and carries useful information in the concerned area.

I, therefore, recommend the project work report for evaluation.

.....

Mr. Teacher's Name

Gorkha Secondary School

Tulsipur, Dang, Nepal

20th Jan 2021

Endorsement

We hereby endorse the project work report entitled **TO STUDY ALTERNATIVE ENERGY CONSUMPTION PATTERN IN THE NEIGHBORHOOD** submitted by(student name) of *Gorkha Secondary School*, Tulsipur, Dang, in partial fulfillment of the requirements for award of the *grade 11/12*) Approved by

___Teacher's name

Mr.

Date: 20th Jan, 2021

Supervisor

Mr. ...HOD NAME

Date: 20th Jan, 2021

Academic Coordinator

Mr.

Date: 20th May, 2017

External Examiner understand that my report will become part of the permanent collection of Gorkha Secondary School Tulsipur's Library. My signature below authorizes release of my thesis to any reader upon request.

Student name

Date: 20th Jan, 2021

I am very grateful toof science faculty Tulsipur as well as for providing necessary guidelines for preparation of report. I am also thankful to all the teachers, friends and my parent for their support during the period of report preparation.

Finally, I would like to thank all whom I have forgotten to mention.

Student name (Date: 20th Jan , 2021)

ABBREVIATION

LPG =

Write here.....

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CHAPTER I

INTRODUCTION

This project work was assigned by our subject teachers, **Mr. Teacher's Name**, for our active participation in the project work. I chose the topic 'To study Alternative Energy consumption pattern in the neighbourhood'. Here is the conclusion of the research.

The renewable sources of energy which are used instead of non-renewable sources of energy are called alternative sources of energy. Some of the examples of alternative sources of energy are biofuel, nuclear energy, wind energy, solar energy etc.

1.1 Background of the study

Among various alternative energy sources, biofuel and solar energy are being used most widely in my neighbourhood. About 78% of people in my neighbourhood prefer solar energy rather than any other sources but nearly 15% people prefer using biofuel as an alternative energy source. At the same time 7% of the people are using both energy sources. Nowadays, it seems that the people in my neighbourhood are more interested on alternative energy sources.

1.2 Objectives of the study:

The objectives behind the study and research are:

1. To study the use of alternative energy sources in the neighbourhood.
2. To identify available alternative energy sources in the neighbourhood.

1.3 Significance of the study:

The significance of the study are:

1. To explore various alternative energy sources available in the neighbourhood.
2. To make people familiar about pros of using alternative energy sources.
3. To encourage them to be environment friendly and live a pollution free life.

1.4 Limitations of the study

Some of the limitation of the study are:

1. The very first challenge during the research was to collect data regarding the use of alternative energy sources in the recent pandemic of Covid-19. So, it became a barrier to report accurate data.
2. People were not well informed about the benefits of using alternative energy sources.

Chapter II

Alternative Energy Sources

Some of the alternative energy sources are listed as under:

- Biofuel
- Solar energy
- Wind energy
- Geothermal energy
- Nuclear energy

CHAPTER III

RESEARCH METHODOLOGY

3.1 Introduction

For the completion of my project, I took help of our subject teacher, friends and seniors.

Nature and sources of data

Primary sources

1. Though it was not possible to visit each and every house of my neighbourhood during the pandemic so i took help of my friends and seniors to know about the consumption pattern of alternative energy source.

2. To some extent I tried to collect data adopting safety measures and had conversation with some neighbours.

Secondary sources:

1. I studied the data collection report on the consumption of energy sources in my neighbourhood.

2. I took help from my parent to know more about the use of alternative energy sources in my neighbourhood.

CHAPTER IV

4. PRESENTATION AND ANALYSIS OF DATA

Alternative energy sources are mostly preferred by the people in the present context. They are environment friendly and can easily be afforded by the people so this is the reason why alternative energy consumption pattern is increasing every year. In my neighbourhood, about 78% of the people are using solar energy and only 15% people are using biofuel. And 7% people are using both energy sources. Thus, there is the dominance of solar energy in the alternative energy consumption pattern in my neighbourhood.

4.1) Available alternative energy sources in the neighbourhood

4.1.1) Biofuel: The fuel which is obtained from different parts of plants and animals dung is called biofuel. Biomass energy is the energy obtained from straw, saw dust, etc. It is mostly used for cooking purposes and the residue produced while preparing biofuel can be used as organic fertilizer.



4.1.2) Solar energy: Solar energy is the best alternative source of energy as it is available everywhere. The energy obtained from the sun is called solar energy. It can be trapped by solar panel to charge the battery. The electricity generated from solar energy is being used to get light, heat and operate various electric as well as electronic equipment in our community.



CHAPTER V

SUMMARY, CONCLUSION ANA RECOMMENDATION

5.1 Summary

After the successful completion of this project we came to conclude that:

1. Alternative sources of energy are those nenewable sources of energy which can replace non-renewable sources of energy.
2. The huge percentage of people is interested in using alternative energy source.
3. Alternative energy is pollution free.
4. It can be afforded by all people .
5. It can prevent the threat of energy crisis.
6. Consumption pattern of alternative energy sources is increasing rapidly.

Hence, alternative energy consumption pattern in my neighbourhood is really appreciative. Furthermore I would like to suggest all people to use alternative energy sources so that our non-renewable energy sources can be protected and handed over our future generation safely. Similary, the use of alternative energy can prevent the huge threat of energy crisis that has been lingering around our eyes these day. In addition to this, alternative energy sources are environment friendly and we can assure a pollution free life using them in our day to day life. So, we all should realize the importance of alternative energy sources and use them the most.

BIBLIOGRAPHY

I took help of various sources to accomplish this project work. The following are the links of the websites:

<http://greenbooks.com.np/>

<https://m.indiamart.com/>

<https://goingsolar.com/>

<http://kingdombio.com/>