

**A STUDY ON THE SOCIO-ECONOMIC IMPACT OF MODIKHOLA  
HYDROPOWER PROJECT IN PARBAT, DISTRICT  
A Case Study of Deupur VDC, Parbat District**

**A Thesis Submitted to  
Central Department of Rural Development,  
Tribhuvan University,  
in the partial Fulfillment of Requirements for  
Degree of the Master of Arts (MA)  
in  
Rural Development**

**By  
ANAMOL CHHETRI  
Central Department of Rural Development  
Tribhuvan University, Kathmandu  
TU, Registration No: 6-1-46-1366-2002  
Exam Roll No: 282004/2068  
May 2016**

## DECLARATION

I hereby declare that the thesis entitled **A Study on the Socio-Economic Impact of Modikhola Hydropower Project in Parbat District** submitted to the Central Department of Rural Development, Tribhuvan University, is entirely my original work prepared under the guidance and supervision of my supervisor. I have made due acknowledgements to all ideas and information borrowed from different sources in the course of preparing this thesis. The results of this thesis have not presented or submitted anywhere else for the award of any degree or for any other purposes. I assure that no part of the content of this thesis has been published in any form before.

.....

Anamol Chhetri

TU, Regd. No.: 6-1-46-1366-2002

Date: 2016-25-03

(2073-01-21)

## RECOMMENDATION LETTER

This Thesis entitled **A Study on the Socio-Economic Impact of Modikhola Hydropower Project in Parbat District** has been conducted by Mr. Anamol Chhetri under my guidance and supervision for the partial fulfilment of the requirement for the award of the degree of Master of Arts in Rural Development. I hereby recommend this thesis for its final evaluation and approval.

Date: 2016-05-11  
(2073-01-29)

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Prof. Dr. Prem Sharma  
Thesis Supervisor

## **APPROVAL SHEET**

This thesis entitled **A Study on the Socio-Economic Impact of Modikhola Hydropower Project in Parbat District** submitted by Mr. Anamol Chhetri has been accepted as partial fulfillment of the requirements for the Degree of Master of Art in Rural Development

### **EVALUATION COMMITTEE**

---

Prof. Dr. Prem Sharma  
Head of Department/ Supervisor

---

**Prof. Dr. Umakanta Silwal**  
External

Date: 2016-05-13  
(2073-01-31)

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The present study on **A Study on the Socio-Economic Impact of Modikhola Hydropower Project in Parbat District** was conducted for the partial fulfilment of the course of Master Degree of Arts in Central Department of Rural Development, Tribhuvan University, Kirtipur, Kathmandu. This study has been intended to provide the socio-economic change through Modikhola hydropower project.

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## ABSTRACT

This study attempts to explain the potentiality and present status of hydropower in Nepal. In this study, out of the all hydropower companies, modikhola hydropower project were selected for the study. Stratified sampling was adopted while collecting data and information.

Hydropower companies are the major sources of energy of Nepal. It is playing vital role of uplift energy problem and employment rate, also for economic development. The hydropower companies are provided energy for household and industrial purpose, remarkable unemployment problem solution. They are increasing in the various places in the nation. They are found by government owner, by private sector participation with government, by private sector only. It is the essential infrastructure for the economic development. They help to remove poverty through employment and economic participation. They are changing the economic scenario of the whole nation. Without energy, we cannot imagine to prosperous and economics progress. Since long time, Nepal was facing load-shedding problem, due to lack of enough energy production. The income generated by the hydro company by selling their all production to Nepal government. So, there is no marketing or selling problem. Government is the major buyer of the energy, produced by various hydro companies.

There were some problem in hydro companies lack of capital, technical advancement, lack of skilled manpower, lack of study of potentiality, lack of considerations with local people regarding to their land and their benefits, lack of proper government policy, bureaucratic bundles and so on These problems were not only hindering hydro companies negatively. Hydro power production ecology and climate are the interrelated to each other. Nepal is depending on monsoon for agricultural activities, also hydro production, because flow of stream of water is adversely affected by the monsoon and climate. So it study trying to find the present scenario and facing new challenges by the hydro companies in Nepal.

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## **ABBREVIATIONS**

AP	:	After Project
ADB	:	Agriculture Development Bank Nepal
AEPC	:	Alternative Energy Promotion Centre
BP	:	Before Project
CBS	:	Central Bureaus of Statistics
CRS	:	Compensation Success Review
Dist	:	District
ELA	:	Environmental Impact Assessment
FY	:	Fiscal Year
GGC	:	Gobar Gas Company
Ha	:	Hector
HHs	:	Households
Hr	:	Hour
IEDC	:	Integrated Energy Development Company
INPS	:	Integrated National Power System
IRB	:	Indian Reserved Battalion
Kgs	:	Kilogram
KW	:	Kilo watt
Ltrs	:	Liters
MW	:	Mega Watt
NBC	:	Non Backward Class
PA	:	Partly Affected Families
Pop	:	Population
RS	:	Rupees
Sq km	:	Square Kilometer
VDC	:	Village Development Committee