

# **SOCIO-ECONOMIC IMPACT OF BIOGAS PLANT**

**(A Case Study of Lele VDC, Lalitpur District, Nepal)**

**A Thesis Submitted to the  
Central Department of Rural Development  
Tribhuvan University, Kirtipur  
Faculty of Humanities and Social Sciences  
In the partial fulfillment of the Requirement for the Degree of  
Master of Arts  
in Rural Development**

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## LETTER OF RECOMMENDATION

This thesis entitled "**Socio-Economic Impact of Biogas Plant (A Case Study of Lele VDC, Lalitpur District, Nepal)**" has been prepared by **Nabin Kishor Adhikari** under my supervision. I hereby recommend this thesis for evaluation by thesis committee as a partial fulfillment of the requirement for the degree of Master of Arts in Rural Development.

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## **APPROVAL CERTIFICATE**

This is to certify that the thesis entitled **Socio- Economic impact of Biogas Plant (A case Study of Lele VDC, Lalitpur District, Nepal)** written and submitted by **Nabin Kishor Adhikari** has been examined. It has been declared successful for the fulfillment of the academic requirements toward the completion the Degree of Master of Arts in Rural Development.

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## LIST OF ABBREVIATIONS/ACRONYMS

ADB/N	Agriculture Development Bank/Nepal
AEPC	Alternative Energy Promotion Center
BSP	Biogas Support Program
BSP/N	Biogas Sector Partnership Nepal
DDC	District Development Committee
FY	Fiscal Year
GDP	Gross Development
GJ	Giga Jull
GGC	Gobar Gas Compamy
HH <sub>s</sub>	Households
Hrs	Hours
ICIMOD	International Center for Integrated Mountain Development
ICS	Improve Cooking Stoves
INGOs	International Non-Governmental Organization
Kgs	Kilograms
Km	Kilometer
LPG	Liquefied Petroleum Group
MA	Master of Arts
NBPG	Nepal Biogas Promotion Group
NO	Number
RETs	Renewable Energy Technology
Rs	Rupees
TU	Tribhuvan University
VDC	Village Development Committee
WB	World Bank
WDR	World Development Report
WECS	Water and Energy Commission Secretariat

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