**Tribhuvan University**

**Land Fragmentation and Land use Pattern**

**in Machchhegaun VDC,Kathmandu District**

A Thesis

Submitted to the Central Department of Geography

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In Partial Fulfillment of the Requirements **for MASTER’S DEGREE**

In

**Geography**

By

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# LETTER OF RECOMMENDATION

This is to certify that thesis submitted by Chij Kumar Shrestha, “Land Fragmentation and Land use Pattern in Machchhegaun VDC, Kathmandu District,” has been prepared under my supervision as a partial fulfillment of requirements for the Degree of Master of Social Sciences in Geography. I recommend this thesis to the evaluation committee for examination.

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The present thesis submitted by Mr. Chij Kumar Shrestha, entitled as “*Land Fragmentation and Land use Pattern in Machchegaun VDC,Kathmandu District,”* has been accepted in for the partial fulfillment of the requirements for **Master’s Degree** of the Faculty of Humanities and Social Sciences in **Geography.**

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# ABSTRACT

The study of land fragmentation and land use pattern is important for understanding the landscape change in the particular area in a certain time as well as to assist in making better policy of land use and landholding subdivisions. The present workis an attempt to describe the land fragmentation and land use pattern during the different years such as from2004 to 2015 for land fragmentation and from, 1965 to 2015 for land use in Machchegaun VDC of Kathmandu district. It analyses the fragmentation trend and change in land use patterns after fragmentation of the parcels. The average size of the landholding parcel remains at 211.45m2. It shows that when the maximum number of land fragmentation of the parcels occursthan, there is the leastpossibility to fragment it again. Analysis of the land use patterns is found being influenced by demographic, socio-economic and geo-physical conditions of the study area. Agriculture land is largely affected by these factors. Lack of implementation of the existing land use policy is major hindrance to the sustainable land development.

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# ABBREVIATIONS

|  |  |
| --- | --- |
| SO | Survey Office |
| M2 | Square Meter |
| SOED | Shorter Oxford English Dictionary |
| No. | Number |
| MoAD | Ministry of Agriculture Development |
| ID | Identification |
| HLRC | High level Land Reform Committee. |
| DLRO | District Land Revenue Office |
| DOS | Department of Survey |

**ACRONYMS**

# 

|  |  |
| --- | --- |
| Annshabanda | Division of the property within the family members |
| Bakaspatra | To give up land ownership rights to someone else without price |
| Chodpatra | Give up land right to someone else |
| Dakhil Karej | Some one’s rights over land transferred in the substitution of other |
| Guthi | A organization, which mobilize the local people for the preservation of religious program through income of land and etc. |
| Namsari | Land right transferred from one person to other after death to legally beneficiary |
| Rajinama | Major mean of land ownership transaction |
| Ropani | A unit of land measurement in the hill region including Kathmandu valley comprising an area of 508. 74 m2 |
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