

**PREVALENCE OF TUBERCULOSIS IN URANW COMMUNITY**

**By:**

**Nir Kumar Katuwal**

**Symbol No. 2180098 (2067)**

**T.U. Regd. No.: 101-77-92**

**A Thesis**

**Submitted to Health Education Department**

**in Fulfillment of the Requirement for the Master's Degree in Health Education**

**TRIBHUVAN UNIVERSITY**  
**FACULTY OF EDUCATION**  
**JANTA MULTIPLE CAMPUS**  
**HEALTH EDUCATION DEPARTMENT**  
**ITAHARI**

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Tribhuvan University

025 – 580064  
581300

# Janta Multiple Campus

Itahari, Sunsari

Estd: 2045

(Science, Management, Humanities & Education)

Ref:

Date: 2074/10/03

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## RECOMMENDATION LETTER

This thesis is entitled “**Prevalence of Tuberculosis in Uranw Community**” submitted by **Nir Kumar Katuwal** in partial fulfillment of requirement for the Master's degree in Health Education under my supervision. Therefore, it is recommended for viva voice.

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Date: 13<sup>th</sup> January, 2018

## APPROVAL SHEET

This thesis entitled “**Prevalence of Tuberculosis in Uranw Community**” submitted by **Nir Kumar Katuwal** in partial fulfillment of requirement for the Master's degree in Health Education has been approved.

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**Ref:**

**Date:** 15<sup>th</sup> February, 2018

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## DECLARATION

I hereby declare that the thesis entitled “**Prevalence of Tuberculosis in Uranw Community**” submitted to Faculty of Health Education, Tribhuvan University is my original work for the partial fulfillment for the Master's Degree under supervision of Mr. Manoj Kumar Chaudhary, Asst. Lecturer of Janta Multiple Campus.

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17<sup>th</sup> January 2018

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I am very glad to submit this thesis on the topic, “**Prevalence of Tuberculosis in Uranw Community**” of Baraha Municipality of Sunsari district. This study helped me to know about the tuberculosis and complications of tuberculosis in the society. To complete this task I have been helped from the various personnel and professional. In this regard, first of all I would like to express my sincere gratitude to my thesis supervisor Mr. Manoj Kumar Chaudhary assistant lecturer of Janta Multiple Campus, Itahari, under his guidance, suggestions, encouragement, co-operation. My gratitude also go to Mr. Sanjiv Kumar Yadav, HOD of Health education Department of Janta Multiple Campus and Mr. Birendra Karki assistant lecturer of Janta Multiple Campus. Likewise, I would like to thank Mr. Bhojraj Shrestha, campus chief of Janta Multiple Campus and Mr. Tolnath Kafle, and Mrs. Geeta Adhikari, Assistant Campus Chief of Janta Multiple Campus. Because they have helped the students and encouraged by providing educational environment in Janta Multiple Campus.

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Nir Kumar Katwal

M.ed 2<sup>nd</sup> year

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## ABSTRACT

This thesis is presented on the topic “Prevalence of Tuberculosis in Uranw Community” in Baraha municipality of Sunsari district. To ascertain the educational and economic status of TB patients, to find out the complications of TB in Uranw people and to find out the accessibility of the health service provider are the main objectives of this study.

The total population of Uranw people in this municipality was 2634. Among them 1210 were males and 1424 were females. 91 males and 19 females TB infected Uranw people were taken as sample by simple random sampling process. The necessary data were collected by observation, interview and related books, journals. From the study it is found that most of the Uranw TB infected people were illiterate and poor educated, their occupations were to be engaged in daily wages, few of them had their own land. They were working in their working place without having any precautions. Due to the low income their lifestyles were very poor. They were very much careless about their illness. Their family size was also bigger. Among the 110 total population 43.63% people were found illiterate, 54.54% people were found literate only. TB infected 45.45% people were found to be engaged in daily wages to run their family. From the study population 80.90% people used to earn less than fifty thousands annually. TB infected 43.63% people have more than five members in their family. Many complications had seen in TB infected people like 71.72% people were infected from dyspnea complication. Due to the lack of education and linguistic problem 5.45% people felt that they are discriminated still in DOTs centers. About 90% TB infected Uranw people used to go the DOTs centers for treatment but some of them didn't go regularly. Due to which many complications like empyema, laryngitis, fever, dyspnea, weight loss, lumbar pain, neurological disorder etc. were found in TB infected Uranw people.

So, to overcome the infections of TB in Uranw people their lifestyles should be uplifted by providing safe opportunities in working place, education should be provided on the basis of equity. Government should expand the more service centers with all necessary facilities.

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## ABBREVIATIONS

AIDS	:	Acquired Immune-Deficiency Syndrome
DOHS	:	Department of Health Service
DOTS	:	Directly Observed Treatment Short-course
EPTB	:	Extra Pulmonary Tuberculosis
HIV	:	Human Immune-deficiency Virus
INGO	:	International Non-Governmental Organization
MDR-TB	:	Multi Drug Resistant Tuberculosis
MOHP	:	Ministry of Health and Population
NGO	:	Non-Governmental Organization
NTP	:	National Tuberculosis Programme
PTB	:	Pulmonary Tuberculosis
RRTB	:	Rifampicin Resistant Tuberculosis
SCC	:	Short Course Chemotherapy
SS +	:	Sputum Positive
TB	:	Tuberculosis
TC	:	Treatment Centers
TSR	:	Treatment Success Rate
WHO	:	World Health Organization
XDR/TB	:	Extensively Drug Resistant Tuberculosis