

**ASSESSMENT OF BACTERIOLOGICAL AND HELMINTHOLOGICAL
CONTAMINATION IN DRINKING WATER SOURCES OF LALITPUR
SUB-METROPOLITAN CITY**

**A DISSERTATION
SUBMITTED**

TO

**THE CENTRAL DEPARTMENT OF ZOOLOGY
INSTITUTE OF SCIENCE AND TECHNOLOGY
TRIBHUVAN UNIVERSITY
KIRTIPUR, KATHMANDU**

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AWARD OF THE DEGREE OF MASTER OF SCIENCE IN ZOOLOGY**

BY

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Recommendation letter

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On the recommendation of supervisor Dr. Ranjana Gupta and Co-supervisor Dr. Durga Dutta Joshi, this dissertation work of **Mrs. Jyotsna Acharya** is approved for the examination and is submitted to the Trihuvan University in partial fulfillment of the requirements for the degree of Master of Science in Zoology with Parasitology as a special paper.

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ABBREVIATIONS AND ACRONYMS

CEDA	Center for Economic Development and Administration
CFU	Colony Forming Unit
DoHS	Department of Health Services
ENPHO	Environment and Public Health Organization
FC	Faecal Coliform
FS	Faecal Streptococci
HMGN	His Majesty's Government of Nepal
ICIMOD	International Center for Integrated Mountain Development
KMC	Kathmandu Metropolitan City
LSMC	Lalitpur Sub-Metropolitan City
MoH	Ministry of Health
MPN	Most Probable Number
NESS	Nepal Environment and Scientific Services
NGO	Non Government Organization
NWSC	National Water Supply Corporation
NZFHRC	National Zoonoses and Food Hygiene Research Center
SODIS	Solar Disinfection
TBD	Total bacterial density
TC,	Total Coliform
TSS	Total Suspended Solids
UNEP	United Nations Environment Programs
UNICEF	United Nations Integration for Children Education Fund
VDC	Village Development Committee
WHO	World Health Organization
WN	Ward Number

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