

**ANTIBACTERIAL ACTIVITY OF SELECTED MEDICINAL
PLANTS OF NEPAL**

DISSERTATION

SUBMITTED TO CENTRAL DEPARTMENT OF BOTANY

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BY

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March 4, 2013

CERTIFICATE

This is to certify that the M. Sc. dissertation work entitled “**Antibacterial Activity of Selected Medicinal Plants of Nepal**” has been carried out by Mr. Govinda Ballab Joshi under my supervision. The entire work is based on the fieldwork and laboratory research, and the results have not yet been published or submitted for any other degree. I recommended this dissertation work to be accepted as a partial fulfilment for Master’s Degree in Botany (Plant Biotechnology).

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Approval Letter

The dissertation work submitted by **Govinda Ballab Joshi** entitled "**Antibacterial Activity of Selected Medicinal Plants of Nepal**" has been accepted as a partial fulfillment of the requirements for Masters of Science in Botany (Plant Biotechnology).

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Table 2: Antibacterial properties of methanolic extracts of different medicinal plants against tested bacteria.

Table 3: Number of microorganisms inhibited by tested medicinal plants.

Table 4: Mean zone of inhibition (ZOI) shown by different medicinal plants against tested bacteria

LIST OF ABBREVIATIONS AND ACRONYMS

alt.	Altitude
cm	Centimeter
e.g.	<i>Exempli gratia</i> : for example
ed., eds.	Editor, editors
<i>et al.</i>	<i>Et alii</i> : and others
fig.,figs.	Figure, figures
Gm +ve	Gram positive
Gm –ve	Gram negative
lb, lbs	pound, pounds
MIC	Minimum inhibitory concentration
mL	Milliliter
NA	Nutrient agar
NB	Nutrient broth
Nep.	Nepali
p., pp.	page, pages
T. U.	Tribhuvan University
TUCH	Tribhuvan University Central Herbarium
viz.	Namely
ZOI	Zone of inhibition