

**PHENOTYPIC VARIATION AND ITS ANALYSIS IN
SOLANUM NIGRUM L. FOUND IN CENTRAL AND
WESTERN PART OF NEPAL**

**A Dissertation Submitted to the central Department of Botany,
Tribhuvan University, Nepal for Partial Fulfillment of the
Master' Degree of Science in Botany.**

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**TRIBHUVAN UNIVERSITY
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Kirtipur, Kathmandu
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CERTIFICATE

This is to certify that the dissertation work entitled "Phenotypic variation and its analysis in *Solanum Nigrum L.* found in central and western part of Nepal." has been carried out by Mr. Radha Krishana Rijal under my supervision. it is based on the experiment performed by the student and the result has not been published or submitted for any other degree. I recommend this dissertation to be accepted as a partial fulfillment for M.sc. degree in Botany, Tribhuvan University of Nepal.

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ACRONYMS

ANOVA	=	Analysis of Variance
CS	=	Circumstances of Stem
CV	=	Coefficient of Variation
HP	=	Height of Plant
LB	=	Leaf Breadth
LL	=	Leaf length
MC	=	Moisture Content
N	=	Nitrogen Content
OM	=	Organic matter
Pel	=	Petiole Length
PL	=	Pedicle Length
PPL	=	Petal Length
SL	=	Sepal Length
WHC	=	Water Holding Capacity