OPINION TOWARDS THE PRACTICES OF E-LEARNING IN

MATHEMATICS

A THESIS BY

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IN PARTIAL FULFILLMENT OF THE REQUIRMENTS FOR THE DEGREE OF MASTER OF EDUCATION

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LETTER OF CERTIFICATE

This is to certify that **Mr. SarojYadav**, a student of academic year 2069/2070 with exam Roll No. 281243/2070, Campus Roll No. 24/2069, T.U. Regd. No 9-2-589-167-2008 and thesis no. 1073 has completed his thesis under my supervision, during the period prescribed by the rules and regulation of Tribhuvan University, Nepal. The thesis entitled **''Opinion towards the practices of e-learning in Mathematics''** embodies the result of his investigation conducting the period of 2016 at the Department of Mathematics Education, University Campus, Kirtipur, Kathmandu. I hereby, recommend and forward that her thesis be submitted for the evaluation as partial requirement to award the Degree of Master of Education.

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.....

Saroj Yadav

ABSTRACT

The present study "**Opinion towards the practices of e-learning in Mathematics**" is carry out to find the Existing situation and opinion of students and teachers towards e-learning in relation to improve student's Mathematics achievement and analyzed/explain the effect of ICT in motivating students to learn Mathematics.

The study adopted descriptive survey design and the information/data was collected by observation checklist, questionnaire and FGD. An observation checklist for 20 school administrators. Two sets of questionnaire are prepared where one set of questionnaire for 200 students and another set of questionnaire for 100 Mathematics teachers in Kathmandu district. The collected data were organized, tabulated, analyzed and interpreted by using the statistical tools such as percentage and 2 –test at 0.05 level of significance. FGD among four groups of teachers each group including 8 members. The collected information were categorized and descriptively by transcribing translating, and connecting with related theory.

The result of the study showed that the schools have sufficient ICT tools with suitable existing situation for teaching and learning Mathematics. Both the teachers and students have positive opinion towards the practices of e-learning in Mathematics. All the teachers and students agreed that the ICT tools are very useful for higher achievement as well as higher study by providing basic concept with motivation.

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ABBREVIATIONS AND SYMBOLS

%	:	Percentage
ADSL	:	Asynchronous Digital Subscribers Line
CBT Program	:	Computer Based Training Program
CDC	:	Curriculum Development Center
CDMA	:	Code Division Multiple Access
СТ	:	Computer Training
DOE	:	District of Education
E-Learning	:	Electronic- Learning
E-mail	:	Electronic Mail
Etc.	:	Etcetera
FGD	:	Focus Group Discussion
GON	:	Government of Nepal
GPRS	:	General Packet Radio Service
IAC	:	Industry Academic Collaboration
ICT	:	Information and Communication Technology
IDI	:	Information and Communication Technology Development
		Index
IT Policy	:	Information TechnologyPolicy
ITU	:	Information and Communication Telecommunication Union
MOE	:	Ministry of Education
S.N.	:	Serial Number