PERCEPTION TOWARDS INTERACTIVE APPROACHES OF TEACHING AND LEARNING MATHEMATICS AT SECONDARY LEVEL : A CASE STUDY IN KANCHANPUR DISTRICT

A THESIS BY PUSPA JOSHI

IN THE PARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE MASTER'S DEGREE OF EDUCATION

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LETTER OF APPROVAL

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PUSPA JOSHI

Entitled

Perception towards Interactive Approaches of Teaching and Learning

Mathematics at Secondary Level a case study in Kanchanpur District has been

approved in partial fulfillment of the requirement for the Master's Degree of Education.

Committee of Viva-voice

Signature



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LETTER OF CERTIFICATE

This is to certify that Mrs. Puspa Joshi, a student of academic year 2067/68 with campus Roll No. 1867, thesis no. 845 exam roll No. 281337 (2067) and T.U. registration No. 9-2-404-98-2005 has completed her thesis under my supervision during the period prescribed by the rules and regulations of Tribhuvan University, Nepal. The thesis entitled **Perception towards Interactive Approaches of Teaching and Learning Mathematics at Secondary Level: A case study in Kanchanpur District** has been prepared based on the results of her investigation conducted during the period of 2071-2072. I hereby recommend and forward that her thesis be submitted for the evaluation as the partial requirement to award the Degree of Master of Education.

Prof. Dr. Lekhnath Sharma (Supervisor) Date:

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Prof.. Laxmi Narayan Yadav (Head)

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Mrs. Pusps Joshi

ABSTRACT

A Study in Mahendranagar on "perception towards interactive approaches in teaching learning Mathematics at secondary level with the use of semi structured interview schedule and observation form was carried out to explore teachers and students perception on interactive approach.

Mathematics is important subject of school curriculum, but it is considered difficult subject for students. Even experienced teachers do not accordingly teach how students can learn. In context of teaching methods used in school interactive approach can play vital role to change perception of match as a difficult subject.

The major finding of this study are based on responses of teachers and students of selected schools of Kanchanpur district. From the study it was found that interactive approach is more effective to teach at secondary level to improve teaching learning environment. Even tough teachers face difficulty in interactive approach due to environment, their perception is good. Due to lack of teachers training about new concept, relation , there is problem to motivate students towards Mathematics learning.

In Kanchanpur district due to lack of interactive approach in classroom the teaching learning was not satisfactory. In most of the schools teachers were using lecture method and were focusing on passing examination. And for students Mathematics is hurdle to pass the exam. Lack of interaction among students, among teachers and students and fear factor among parents making Mathematics further difficult.

The teachers should be trained and training should be conducted on time to time to improve educational system and implement the interactive approach. The educational policy and formulation of curriculum of Mathematics should be revisited and revised.

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