

**ATTITUDE OF TEACHERS AND STUDENTS TOWARD
COMPUTERS IN TEACHING / LEARNING PROCESS**

By

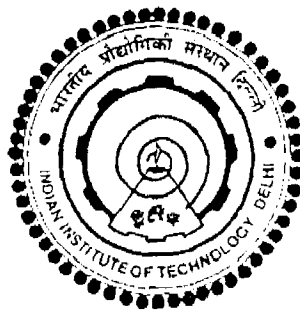
PRATUL SHARMA

DEPARTMENT OF HUMANITIES AND SOCIAL SCIENCES

Submitted

in fulfilment of the requirements for the degree of Doctor of Philosophy

to the



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July 2003



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Dedicated to the teachers of India,

They are the makers of India.

CERTIFICATE

This is to certify that the thesis entitled "**ATTITUDE OF TEACHERS AND STUDENTS TOWARD COMPUTERS IN TEACHING / LEARNING PROCESS**" being submitted by Pratul Sharma to the Indian Institute of Technology, Delhi for the award of the degree of Doctor of Philosophy is a record of bonafide research work carried out by him.

Pratul Sharma has worked under my guidance and supervision and has fulfilled the requirements for the submission of this thesis, which to my knowledge has reached the requisite standard.

The results contained in this thesis have not been submitted in part or in full, to any other University or Institute for the award of any degree or diploma.

Date: 30.7.2003

Place: New Delhi


(AMULYA KHURANA)

Associate Professor

Department of Humanities and Social
Sciences

Indian Institute of Technology, Delhi.

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New Delhi

Date: _____

Pratul Sharma

(PRATUL SHARMA)

ABSTRACT

The aim of the present study is to investigate the attitude of teachers and students toward computers in teaching / learning process. Based on the review of literature seven hypotheses were developed and tested. The sample consisted of 200 teachers and 500 students from schools and colleges of National Capital Region (NCR) of India.

Altogether eleven variables were studied; of which seven were background variables and four were computer attitude related variables.

Two scales 1. Attitude Toward Computers in Teaching Scale and 2. Attitude Toward Computers in Learning Scale, which were specifically developed for the present study, were used for data collection.

The results indicate that exposure to computers and type of education has a significant effect on the attitude toward computers in teaching / learning process. Also the students are found to be more positive in their attitude toward computers in teaching / learning process than the teachers. In addition, the quadrant analysis reveals that the exposure to computers has more positive effect on the attitude of students than that of the teachers.

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